Astral



Margin impacted due to one-off

Robust plumbing volume growth on high base

Astral (ASTRA IN) Q3 net sales rose 8.1% YoY as the plumbing business posted value growth of 7.1% and volume growth of 15%, with a four-year CAGR of 17.7% and 13.3%, respectively. Plumbing volume YTD grew 24% and management is confident of ending FY24 with 20% growth. The sanitaryware and faucets segment delivered sales of INR 200mn in Q3 vs INR 170mn in Q2 and expects to cross INR 1.0bn in FY25. The domestic adhesives business (*Resinova*) and Seal IT UK grew 17% YoY and 9% YoY, respectively, led by robust volume growth while the newly acquired paints business contracted 10% YoY.

Building capacity to cater to robust demand

During the 9MFY24, the company increased plumbing business capacity by 30,000mn tonne pa (MTPA), reaching total capacity of 320,000. To address rising demand for plastic pipes and fittings, it is expanding capacity in Guwahati by 22,000 MTPA, Hyderabad by 70,000 MTPA, and Kanpur by 50,000 MTPA. Sales at the Guwahati plant is anticipated to commence in Q4. The Hyderabad unit, initially at 40,000 MTPA, is scheduled to become operational by Q2FY25 while the Phase 1 capacity expansion of 30,000 MTPA at Kanpur is expected to be operational in Q1FY26.

Sustains guidance of 16-17% plumbing EBITDA margin

Plumbing EBITDA margin came in at 16.5%, up 110bp YoY, given inventory loss of INR 200mn and 25 year celebration cost of INR110mn. Management expects PVC prices to bottom in Q4 and move up from Q1, which augurs well for the segment. Paints and adhesive EBITDA margin expanded 30bp YoY to 12.5%, following inventory loss in the UK business. Management has retained EBITDA margin in the range of 16-17% in the plumbing business and 14-15% in the adhesives business.

Valuation: reiterate Accumulate with a TP of INR 2,034

We cut our earnings by 6.6%/4.7-% each for FY25E/FY26E, respectively, to factor in lower-than-estimated revenue growth. We reiterate **Accumulate** with a TP of INR 2,034 based on 60x FY26E P/E as we roll forward.

Rating: Accumulate

Target Price: INR 2,034

Upside: 8%

CMP: INR 1,876 (as on 30 January 2024)

Key data*	
Bloomberg / Reuters Code	ASTRA IN/ASTL.BO
Current / Dil. Shares O/S (mn)	269/269
Mkt Cap (INR bn/USD mn)	504/6,064
Daily Vol. (3M NSE Avg.)	515,327
Face Value (INR)	1

1 USD = INR 83.1

Note: *as on 30 January 2024; Source: Bloomberg

Price & Volume 2.500 20 2.000 15 1.500 10 1.000 5 500 0 Apr-23 Jul-23 Oct-23 Jan-23 Vol. in mn (RHS) Astral (LHS)

Source: Bloomberg

Source: Bloomberg

Shareholding (%)	Q4FY23	Q1FY24	Q2FY24	Q3FY24
Promoter	55.9	55.9	55.9	54.1
Institutional Investors	30.4	31.7	31.7	33.5
Other Investors	1.9	1.5	1.8	1.7
General Public	11.8	10.9	10.7	10.8
Source: BSE				

 Price performance (%)
 3M
 6M
 12M

 Nifty
 12.4
 9.5
 21.9

 Astral
 2.9
 (1.7)
 27.0

YE March (INR mn)	Q3FY24	Q3FY23	YoY (%)	Q2FY24	QoQ (%)
Net Sales	13,702	12,678	8.1	13,630	0.5
Operating Expenses	11,651	10,814	7.7	11,429	1.9
% of Sales	85.0	85.3		83.9	
EBITDA	2,051	1,864	10.0	2,201	(6.8)
EBITDA Margin (%)	15.0	14.7		16.1	
Other Income	64	(20)	(420.0)	134	(52.2)
Interest	75	94		80	
Depreciation	501	455		487	2.9
PBT	1,539	1,295	18.8	1,768	(13.0)
Tax	406	346	17.3	451	(10.0)
Effective Tax Rate (%)	26.4	26.7		25.5	
Minority Interest	(2)	19.0		5.0	
Reported PAT	1,135	930	22.0	1,312	(13.5)
NPM (%)	8.3	7.3		9.6	. ,

Key fina	ancials										
YE	Revenue	YoY	EBITDA E	BITDA margin	Adj PAT	YoY	Fully DEPS	RoE	RoCE	P/E	EV/EBITDA
March	(INR mn)	(%)	(INR mn)	(%)	(INR mn)	(%)	(INR)	(%)	(%)	(x)	(x)
FY23	51,585	17.4	8,099	15.7	4,584	(5.3)	17.0	18.2	23.6	110.1	61.6
FY24E	56,624	9.8	9,664	17.1	5,847	27.5	21.7	20.0	24.6	86.3	51.7
FY25E	67,460	19.1	12,045	17.9	7,601	30.0	28.3	22.2	27.4	66.4	41.6
FY26E	80,766	19.7	14,675	18.2	9,627	26.7	35.8	23.6	29.5	52.4	34.0

Note: pricing as on 30 January 2024; Source: Company, Elara Securities Estimate

Amit Purohit • amit.purohit@elaracapital.com • +91 22 6164 8594

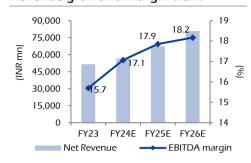


Financials

Income statement (INR mn)	FY23	FY24E	FY25E	FY26E
Net Revenue	51,585	56,624	67,460	80,766
EBITDA	8,099	9,664	12,045	14,675
Less: Depreciation & Amortization	1,781	1,960	2,130	2,230
EBIT	6,318	7,704	9,915	12,445
Less: Interest Expense	400	275	240	220
Add: Other Income	267	435	520	670
Exceptional item	(18)	-	-	-
PBT	6,167	7,864	10,195	12,895
Less Taxes	1,557	1,973	2,550	3,223
Reported PAT	4,610	5,891	7,645	9,671
Minority Interest	44	44	44	44
Reported PAT after Minority Interest	4,566	5,847	7,601	9,627
Adjusted PAT	4,584	5,847	7,601	9,627
Balance Sheet (INR mn)	FY23	FY24E	FY25E	FY26E
Share capital	269	269	269	269
Reserves	26,843	31,210	36,861	44,068
Minority Interests	2,477	2,477	2,477	2,477
Borrowings	871	871	871	871
Deferred Tax (Net)	299	299	299	299
Total Liabilities	30,759	35,126	40,778	47,985
Gross Block	23,707	27,457	31,207	34,957
Less: Accumulated depreciation	7,327	9,287	11,417	13,647
Net Block	16,380	18,170	19,790	21,310
Capital work in progress	1,261	1,261	1,261	1,261
Goodwill	3,125	3,125	3,125	3,125
Investments	_	2,000	6,000	8,000
Cash	6,821	5,545	4,652	7,205
Net working capital	3,172	5,025	5,950	7,083
Total Assets	30,759	35,126	40,778	47,985
Cash flow statement (INR mn)	FY23	FY24E	FY25E	FY26E
Operating cash flow	5,608	5,953	8,807	10,724
Less: Capex	6,355	3,750	3,750	3,750
Free cash flow to firm	(747)	2,203	5,057	6,974
Investing cash flow	(6,355)	(5,750)	(7,750)	(5,750)
Financing cash flow	1,150	(1,479)	(1,950)	(2,421)
Net change in cash	403	(1,276)	(893)	2,553
Ratio Analysis	FY23	FY24E	FY25E	FY26E
	FY23		FY25E	FY26E
Income statement Ratios (%)	FY23		FY25E 19.1	
Income statement Ratios (%) Revenue growth	17.4	FY24E 9.8	19.1	19.7
Income statement Ratios (%) Revenue growth EBITDA growth	17.4 7.2	9.8 19.3	19.1 24.6	19.7 21.8
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth	17.4	FY24E 9.8	19.1	19.7 21.8 26.7
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin	17.4 7.2 (5.3)	9.8 19.3 27.5 17.1	19.1 24.6 30.0 17.9	19.7 21.8 26.7 18.2
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin	17.4 7.2 (5.3) 15.7	9.8 19.3 27.5	19.1 24.6 30.0	19.7 21.8 26.7 18.2
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios	17.4 7.2 (5.3) 15.7 8.9	9.8 19.3 27.5 17.1 10.3	19.1 24.6 30.0 17.9 11.3	19.7 21.8 26.7 18.2 11.9
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x)	17.4 7.2 (5.3) 15.7 8.9	9.8 19.3 27.5 17.1	19.1 24.6 30.0 17.9 11.3	19.7 21.8 26.7 18.2 11.9 (0.3)
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%)	17.4 7.2 (5.3) 15.7 8.9 (0.2)	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0	19.1 24.6 30.0 17.9 11.3 (0.3)	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%)	17.4 7.2 (5.3) 15.7 8.9	9.8 19.3 27.5 17.1 10.3 (0.2)	19.1 24.6 30.0 17.9 11.3	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3)	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5 35.8 26.7
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%) DPS (INR)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3) 3.5	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5 5.5	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0 7.3	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5 35.8 26.7 9.0
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%) DPS (INR) P/E (x)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3) 3.5	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5 5.5 86.3	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0 7.3 66.4	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5 35.8 26.7 9.0 52.4
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%) DPS (INR) P/E (x) EV/EBITDA (x)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3) 3.5 110.1	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5 5.5 86.3 51.7	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0 7.3 66.4 41.6	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5 35.8 26.7 9.0 52.4 34.0
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%) DPS (INR) P/E (x) EV/EBITDA (x) EV/Sales (x)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3) 3.5 110.1 61.6 9.7	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5 5.5 86.3 51.7 8.8	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0 7.3 66.4 41.6 7.4	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5 35.8 26.7 9.0 52.4 34.0 6.2
Ratio Analysis Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROCE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%) DPS (INR) P/E (x) EV/EBITDA (x) EV/Sales (x) Price/Book (x)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3) 3.5 110.1 61.6 9.7 18.7	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5 5.5 86.3 51.7 8.8 16.1	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0 7.3 66.4 41.6 7.4 13.6	19.7 21.8 26.7 18.2 11.9 (0.3) 23.6 29.5 35.8 26.7 9.0 52.4 34.0 6.2 11.4
Income statement Ratios (%) Revenue growth EBITDA growth PAT growth EBITDA margin Net margin Return and liquidity ratios Net debt/Equity (x) ROE (%) ROCE(%) Per share data and valuation ratios Diluted EPS (INR) EPS growth (%) DPS (INR) P/E (x) EV/EBITDA (x) EV/Sales (x)	17.4 7.2 (5.3) 15.7 8.9 (0.2) 18.2 23.6 17.0 (5.3) 3.5 110.1 61.6 9.7	9.8 19.3 27.5 17.1 10.3 (0.2) 20.0 24.6 21.7 27.5 5.5 86.3 51.7 8.8	19.1 24.6 30.0 17.9 11.3 (0.3) 22.2 27.4 28.3 30.0 7.3 66.4 41.6 7.4	21.8 26.7 18.2 11.9

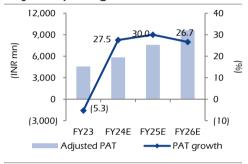
Note: pricing as on 30 January 2024; Source: Company, Elara Securities Estimate

Revenue growth & margin trend



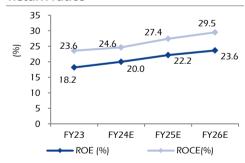
Source: Company, Elara Securities Estimate

Adjusted profit growth trend



Source: Company, Elara Securities Estimate

Return ratios



Source: Company, Elara Securities Estimate

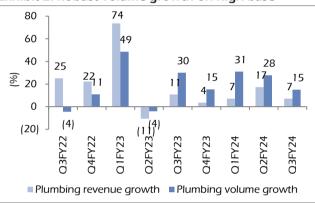


Exhibit 1: Key ratios

YE March (%)	Q3FY24	Q3FY23	YoY bp chg	Q2FY24	QoQ bp chg	Q3FY24E	bp variance
Raw Material Cost	61.5	67.3	(586)	61.1	39	62.5	(106)
Staff Costs	8.3	6.3	201	7.7	60	7.4	89
Other Expenses	15.2	11.6	358	15.0	19	12.7	251
Effective Tax rate	26.4	26.7	(34)	25.5	87	26.0	40
Gross Margin	38.5	32.7	586	38.9	(39)	37.5	106
EBITDA Margin	15.0	14.7	27	16.1	(118)	17.3	(234)
NPM	8.3	7.3	95	9.6	(134)	10.9	(265)

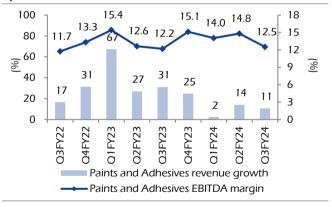
Source: Company, Elara Securities Estimate

Exhibit 2: Robust volume growth on high base



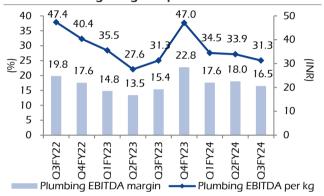
Source: Company, Elara Securities Research

Exhibit 4: Strong operational performance in the paints and adhesives business



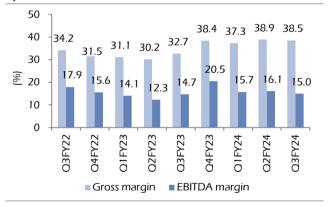
Source: Company, Elara Securities Research

Exhibit 3: Strong margin improvement YoY



Source: Company, Elara Securities Research

Exhibit 5: Margin improves on the back of input price deflation



Source: Company, Elara Securities Research



Exhibit 6: Segment-wise – robust volume growth across business segments

YE March (INR mn)	Q3FY24	Q3FY23	YoY (%)	Q3FY24	QoQ (%)	YTD FY24	YTD FY23	YoY (%)
Segment-wise revenue								
Plumbing	9,981	9,318	7.1	9,804	1.8	29,168	26,440	10.3
Paints and Adhesives	3,721	3,360	10.7	3,826	(2.7)	10,995	10,083	9.0
Total	13,702	12,678	8.1	13,630	0.5	40,163	36,523	10.0
Segment-wise EBIT								
Plumbing	1,284	1,114	15.3	1,398	(8.2)	3,950	2,929	34.9
Paints and Adhesives	333	326	2.1	380	(12.4)	1,052	878	19.8
EBIT	1,617	1,440	12.3	1,778	(9.1)	5,002	3,807	31.4
Segment-wise EBIT margin (%)			(bp)		(bp)			(bp)
Plumbing	12.9	12.0	90	14.3	(140)	13.5	11.1	250
Paints and Adhesives	8.9	9.7	(80)	9.9	(100)	9.6	8.7	90
Average	11.8	11.4	40	13.0	(120)	12.5	10.4	200

Source: Company, Elara Securities Research

Exhibit 7: ASTRA is trading around its five-year average P/E of 64x



Source: Bloomberg, Company, Elara Securities Research

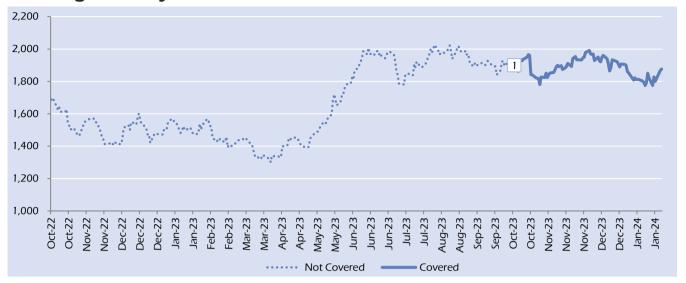
Exhibit 8: Change in estimates

<u> </u>									
(INID man)	Old			New			(%) change		
(INR mn)	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E
Revenue	59,197	69,681	82,645	56,624	67,460	80,766	(4.3)	(3.2)	(2.3)
EBITDA	10,640	12,594	15,050	9,664	12,045	14,675	(9.2)	(4.4)	(2.5)
EBITDA (%)	18.0	18.1	18.2	17.1	17.9	18.2	(91)	(22)	(4)
PAT	6,622	8,139	10,103	5,847	7,601	9,627	(11.7)	(6.6)	(4.7)
EPS (INR)	24.6	30.3	37.6	21.7	28.3	35.8	(11.7)	(6.6)	(4.7)

Source: Elara Securities Estimate



Coverage History



	Date	Rating	Target Price	Closing Price
1	6-Oct-2023	Accumulate	INR 2,034	INR 1,889

Guide to Research Rating

Absolute Return >+20%

ACCUMULATE

Absolute Return +5% to +20%

REDUCE Absolute Return -5% to +5%

SELL Absolute Return < -5%

Elara Securities (India) Private Limited



Disclosures & Confidentiality for non U.S. Investors

The Note is based on our estimates and is being provided to you (herein referred to as the "Recipient") only for information purposes. The sole purpose of this Note is to provide preliminary information on the business activities of the company and the projected financial statements in order to assist the recipient in understanding / evaluating the Proposal. Nothing in this document should be construed as an advice to buy or sell or solicitation to buy or sell the securities of companies referred to in this document. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved) and should consult its own advisors to determine the merits and risks of such an investment. Nevertheless, Elara Securities (India) Private Limited or any of its affiliates is committed to provide independent and transparent recommendation to its client and would be happy to provide any information in response to specific client queries. Elara Securities (India) Private Limited or any of its affiliates have not independently verified all the information given in this Note and expressly disclaim all liability for any errors and/or omissions, representations or warranties, expressed or implied as contained in this Note. The user assumes the entire risk of any use made of this information, Elara Securities (India) Private Limited or any of its affiliates, their directors and the employees may from time to time, effect or have effected an own account transaction in or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for or solicit investment banking or other business from any company referred to in this Note. Each of these entities functions as a separate, distinct and independent of each other. This Note is strictly confidential and is being furnished to you solely for your information. This Note should not be reproduced or redistributed or passed on directly or indirectly in any form to any other person or published, copied, in whole or in part, for any purpose. This Note is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject Elara Securities (India) Private Limited or any of its affiliates to any registration or licensing requirements within such jurisdiction. The distribution of this document in certain jurisdictions may be restricted by law, and persons in whose possession this document comes, should inform themselves about and observe, any such restrictions. Upon request, the Recipient will promptly return all material received from the company and/or the Advisors without retaining any copies thereof. The Information given in this document is as of the date of this report and there can be no assurance that future results or events will be consistent with this information. This Information is subject to change without any prior notice. Elara Securities (India) Private Limited or any of its affiliates reserves the right to make modifications and alterations to this statement as may be required from time to time. However, Elara Securities (India) Private Limited is under no obligation to update or keep the information current. Neither Elara Securities (India) Private Limited nor any of its affiliates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. This Note should not be deemed an indication of the state of affairs of the company nor shall it constitute an indication that there has been no change in the business or state of affairs of the company since the date of publication of this Note. The disclosures of interest statements incorporated in this document are provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. Elara Securities (India) Private Limited generally prohibits its analysts, persons reporting to analysts and their family members from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Any clarifications / queries on the proposal as well as any future communication regarding the proposal should be addressed to Elara Securities (India) Private Limited. It is important to note that any dispute with respect to this research report, would not have access to stock exchange investor redressal forum or arbitration mechanism.

Elara Securities (India) Private Limited was incorporated in July 2007 as a subsidiary of Elara Capital (India) Private Limited.

Elara Securities (India) Private Limited is a SEBI registered Stock Broker in the Capital Market and Futures & Options Segments of National Stock Exchange of India Limited [NSE], in the Capital Market Segment of BSE Limited [BSE] and a Depository Participant registered with Central Depository Services (India) Limited [CDSL].

Elara Securities (India) Private Limited's business, amongst other things, is to undertake all associated activities relating to its broking business.

The activities of Elara Securities (India) Private Limited were neither suspended nor has it defaulted with any stock exchange authority with whom it is registered in last five years. However, during the routine course of inspection and based on observations, the exchanges have issued advise letters or levied minor penalties on Elara Securities (India) Private Limited for minor operational deviations in certain cases. Elara Securities (India) Private Limited has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has the certificate of registration been cancelled by SEBI at any point of time.

Elara Securities (India) Private Limited offers research services primarily to institutional investors and their employees, directors, fund managers, advisors who are registered or proposed to be registered.

Details of Associates of Elara Securities (India) Private Limited are available on group company website www.elaracapital.com

Elara Securities (India) Private Limited is maintaining arms-length relationship with its associate entities.

Research Analyst or his/her relative(s) may have financial interest in the subject company. Elara Securities (India) Private Limited does not have any financial interest in the subject company, whereas its associate entities may have financial interest. Research Analyst or his/her relative does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Elara Securities (India) Private Limited does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Associate entities of Elara Securities (India) Private Limited may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of Research Report. Research Analyst or his/her relative or Elara Securities (India) Private Limited or its associate entities does not have any other material conflict of interest at the time of publication of the Research Report.

Research Analyst or his/her relative(s) has not served as an officer, director or employee of the subject company.

Research analyst or Elara Securities (India) Private Limited have not received any compensation from the subject company in the past twelve months. Associate entities of Elara Securities (India) Private Limited may have received compensation from the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associate entities have not managed or co-managed public offering of securities for the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associates have not received any compensation for investment banking or brokerage services from the subject company in the past twelve months. Research analyst or Elara Securities (India) Private Limited or its associate entities may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company or third party in connection with the Research Report in the past twelve months.

Disclaimer & Standard warning

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.



Elara Securities (India) Private Limited

Disclaimer for non U.S. Investors

The information contained in this note is of a general nature and is not intended to address the circumstances of any particular individual or entity. Although we endeavor to provide accurate and timely information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. No one should act on such information without appropriate professional advice after a thorough examination of the particular situation.

Disclosures for U.S. Investors

The research analyst did not receive compensation from Astral Limited.

Elara Capital Inc.'s affiliate did not manage an offering for Astral Limited.

Elara Capital Inc.'s affiliate did not receive compensation from Astral Limited in the last 12 months.

Elara Capital Inc.'s affiliate does not expect to receive compensation from Astral Limited in the next 3 months.

Disclaimer for U.S. Investors

This material is based upon information that we consider to be reliable, but Elara Capital Inc. does not warrant its completeness, accuracy or adequacy and it should not be relied upon as such.

This material is not intended as an offer or solicitation for the purchase or sale of any security or other financial instrument. Securities, financial instruments or strategies mentioned herein may not be suitable for all investors. Any opinions expressed herein are given in good faith, are subject to change without notice, and are only correct as of the stated date of their issue. Prices, values or income from any securities or investments mentioned in this report may fall against the interests of the investor and the investor may get back less than the amount invested. Where an investment is described as being likely to yield income, please note that the amount of income that the investor will receive from such an investment may fluctuate. Where an investment or security is denominated in a different currency to the investor's currency of reference, changes in rates of exchange may have an adverse effect on the value, price or income of or from that investment to the investor. The information contained in this report does not constitute advice on the tax consequences of making any particular investment objectives, financial situations or needs and is not intended as a recommendation of particular securities, financial instruments or strategies to you. Before acting on any recommendation in this material, you should consider whether it is suitable for your particular circumstances and, if necessary, seek professional advice.

Certain statements in this report, including any financial projections, may constitute "forward-looking statements." These "forward-looking statements" are not guarantees of future performance and are based on numerous current assumptions that are subject to significant uncertainties and contingencies. Actual future performance could differ materially from these "forward-looking statements" and financial information.

Elara Securities (India) Private Limited

Managing Director

India



India Elara Securities (India) Pvt. Ltd.

Harendra Kumar

Ashok Agarwal

One International Center, Tower 3, 21st Floor, Senapati Bapat Marg, Elphinstone Road (West) Mumbai – 400 013, India Tel : +91 22 6164 8500

Europe Elara Capital Plc. Edira Capital Mc. 6th Floor, The Grove, 248A Marylebone Road, London, NW1 6JZ, United Kingdom Tel: +44 20 7486 9733

USA Elara Securities Inc. 230 Park Avenue, Suite 2415, New York, NY 10169, USA Tel: +1 212 430 5870 Fax: +1 212 208 2501

harendra.kumar@elaracapital.com

ashok.agarwal@elaracapital.com

Asia / Pacific Elara Capital (Asia) Pte.Ltd. One Marina Boulevard, Level 20, Singapore 018989 Tel : +65 6978 4047

+91 22 6164 8571

+91 22 6164 8558

Asnok Agarwai	India		asnok.agarwai@eiaracapital.com	+91 22 6164 8558
Hitesh Danak Karan Rathod	India India		hitesh.danak@elaracapital.com	+91 22 6164 8543 +91 22 6164 8570
			karan.rathod@elaracapital.com	+91 22 6164 8512
Lekha Nahar Prashin Lalvani	India India		lekha.nahar@elaracapital.com	
	India		prashin.lalvani@elaracapital.com shraddha.shrikhande@elaracapital.com	+91 22 6164 8544
Shraddha Shrikhande				+91 22 6164 8567
Sudhanshu Rajpal	India		sudhanshu.rajpal@elaracapital.com	+91 22 6164 8508
Joshua Saldanha	Asia	Confessor C France	joshua.saldanha@elaracapital.com	+91 22 6164 8541
Anita Nazareth		ccess, Conference & Events	anita.nazareth@elaracapital.com	+91 22 6164 8520
Tina D'souza	Corporate A		tina.dsouza@elaracapital.com	+91 22 6164 8595
Quantitative, Alternatives,			e unil inin@elara eneital eem	101 22 / 1/4 0521
Sunil Jain		& Alternates	sunil.jain@elaracapital.com	+91 22 6164 8531
Nandish Patel		& Alternates	nandish.patel@elaracapital.com	+91 22 6164 8564
Biren Mehta	Head - Sales	Trading	biren.mehta@elaracapital.com	+91 22 6164 8500
Kalpesh Parekh	India		kalpesh.parekh@ElaraCapital.com	+91 22 6164 8555
Manoj Murarka	India		manoj.murarka@elaracapital.com	+91 22 6164 8551
Anil Pawar	India		anil.pawar@elaracapital.com	+91 22 6164 8552
Nilesh Chheda	India		nilesh.chheda@elaracapital.com	+91 22 6164 8554
Nupur Barve	India		nupur.barve@elaracapital.com	+91 22 6164 8532
Research				
Dr Bino Pathiparampil	Head of Researc	ch Healthcare, Pharmaceuticals, Strategy	bino.pathiparampil@elaracapital.com	+91 22 6164 8689
Amit Purohit	Analyst	Building Materials, FMCG, Paints	amit.purohit@elaracapital.com	+91 22 6164 8594
Ankita Shah	Analyst	Infrastructure, Ports & Logistics, Industrials	ankita.shah@elaracapital.com	+91 22 6164 8516
Biju Samuel	Analyst	Quantitative & Alternate Strategy	biju.samuel@elaracapital.com	+91 22 6164 8505
Gagan Dixit	Analyst	Aviation, Chemicals, Oil & Gas	gagan.dixit@elaracapital.com	+91 22 6164 8504
Garima Kapoor	Economist		garima.kapoor@elaracapital.com	+91 22 6164 8527
Harshit Kapadia	Analyst	Capital Goods, Consumer Electronics	harshit.kapadia@elaracapital.com	+91 22 6164 8542
Jay Kale, CFA	Analyst	Auto & Auto Ancillaries	jay.kale@elaracapital.com	+91 22 6164 8507
Karan Taurani	Analyst	Media & Entertainment, Alcobev, QSR, Interne		+91 22 6164 8513
Prakhar Agarwal	Analyst	Banking & Financials	prakhar.agarwal@elaracapital.com	+91 22 6164 8502
Prashant Biyani	Analyst	Agrochemicals, Fertilisers, Hotels, Sugar	prashant.biyani@elaracapital.com	+91 22 6164 8581
Prerna Jhunjhunwala	Analyst	Textiles, Retail	prerna.jhunjhunwala@elaracapital.com	+91 22 6164 8519
Ravi Sodah	Analyst	Cement, Metals & Mining	ravi.sodah@elaracapital.com	+91 22 6164 8517
Ruchi Mukhija	Analyst	IT Services	ruchi.mukhija@elaracapital.com	+91 22 6164 8583
Rupesh Sankhe	Analyst	Utilities, Renewables, Capital Goods, Real Estat		+91 22 6164 8518
Shweta Daptardar	Analyst	Diversified Financials, Non-Lending Financials	shweta.daptardar@elaracapital.com	+91 22 6164 8559
Saurabh Mitra	Sr. Associate	Cement, Metals & Mining	saurabh.mitra@elaracapital.com	+91 22 6164 8546
Aditya Jaiswal	Associate	Strategy	aditya.jaiswal@elaracapital.com	+91 22 4204 8683
Amogh Deshpande	Associate	Aviation, Chemicals, Oil & Gas	amogh.deshpande@elaracapital.com	+91 22 4204 8664
Bhavi Shah	Associate	Cement, Metals & Mining	bhavi.shah@elaracapital.com	+91 22 6164 8521
Gaurang Sakare	Associate	Healthcare, Pharmaceuticals	gaurang.sakare@elaracapital.com	+91 22 4204 8618
Heet Van	Associate	Healthcare, Pharmaceuticals	heet.van@elaracapital.com	+91 22 6164 8545
Himanshu Dhyawala	Associate	Diversified Financials, Non-Lending Financials	himanshu.dhyawala@elaracapital.com	+91 22 4204 8661
Jinesh Kothari	Associate	Infrastructure, Ports & Logistics	jinesh.kothari@elaracapital.com	+91 22 6164 8500
Kartik Solanki	Associate	Banking & Financials	kartik.solanki@elaracapital.com	+91 22 4204 8604
Ketul Dalal	Associate	Auto & Auto Ancillaries	ketul.dalal@elaracapital.com	+91 22 4204 8693
Keval Shah	Associate	Strategy	keval.shah@elaracapital.com	+91 22 4204 8669
Mudit Kabra	Associate	Capital Goods, Consumer Electronics	mudit.kabra@elaracapital.com	+91 22 4204 8611
Nemish Sundar	Associate	Capital Goods, Consumer Electronics	nemish.sundar@elaracapital.com	+91 22 4204 8683
Nishant Chowhan, CFA	Associate	Auto & Auto Ancillaries	nishant.chowhan@elaracapital.com	+91 22 4204 8667
Palak Shah	Associate	Banking & Financials	palak.shah@elaracapital.com	+91 22 4204 8682
Ragini Pande	Associate	Utilities, Renewables	ragini.pande@elaracapital.com	+91 22 6164 8500
Rohit Harlikar	Associate	Building Materials, FMCG, Paints	rohit.harlikar@elaracapital.com	+91 22 6164 8562
Rounak Ray	Associate	Media & Entertainment, Alcobev, QSR, Interne		+91 22 4204 8684
Seema Nayak	Associate	IT Services, Internet	seema.nayak@elaracapital.com	+91 22 4204 8687
Shweta Roy	Associate	Economics	shweta.roy@elaracapital.com	+91 22 6164 8500
Subhankar Sanyal	Associate	Economics	subhankar.sanyal@elaracapital.com	+91 22 4204 8688
Tanvi Tambat	Associate	Real Estate	tanvi.tambat@elaracapital.com	+91 22 6164 8537
Ujwal Wadighare	Associate	Agrochemicals, Fertilisers, Hotels, Sugar	ujwal.wadighare@elaracapital.com	+91 22 4204 8684
Vaibhav Chechani	Associate	IT Services, Internet	vaibhav.chechani@elaracapital.com	+91 22 4204 8682
Vidhi Puj	Associate	Building Materials, FMCG, Paints	vidhi.puj@elaracapital.com	+91 22 4204 8692
Vinayak Patil	Database	materials, r med, r and	vinayak.patil@elaracapital.com	+91 22 6164 8510
Priyanka Sheth	Editor		priyanka.sheth@elaracapital.com	+91 22 6164 8568
Prakriti Singh	Editor		prakriti.singh@elaracapital.com	+91 22 6164 8500
Gurunath Parab	Production		qurunath.parab@elaracapital.com	+91 22 6164 8515
Jinesh Bhansali	Production		jinesh.bhansali@elaracapital.com	+91 22 6164 8537
cs.r. 5. r.a. r.diii			ja rest ast ica isea e cier decipitemeoni	7. 22 31010337
Accoss our roports on Pla	oomberg: Typo DE	SCD ESEC <co></co>	Also available on Th	omeon (Poutors

Access our reports on Bloomberg: Type RESP ESEC <GO>

Also available on Thomson & Reuters

Elara Securities (India) Private Limited

Registered Office Address: One International Center, Tower 3, 21st Floor, Senapati Bapat Marg,
Elphinstone Road (West) Mumbai – 400 013, India Tel: +91 22 6164 8500

CIN: U74992MH2007PTC172297 | SEBI Research Analyst Registration No.: INH000000933

Member of BSE Limited and National Stock Exchange of India Limited | SEBI REGN. NO.: INZ 000 238236 Member of Central Depository Services (India) Limited | SEBI REGN. NO.: IN-DP-370-2018 Investor Grievance Email ID: <u>investor.grievances@elaracapital.com</u> - Tel. +91 22 6164 8509 Compliance Officer: Mr. Anand Rao - Email ID: <u>anand.rao@elaracapial.com</u> - Tel. +91 22 6164 8509