

BUY TP: Rs 215 | ∧ 26%

GREENPLY INDUSTRIES

Construction Materials

08 November 2022

Stable quarter but margins disappoint

- Consolidated Q2 revenue grew 14% YoY on a 7% increase in volumes and 6% higher realisations in India plywood operations
- Operating margin slipped 160bps YoY to 9.9% (10.7% excluding noncash ESOP cost)
- Weak outlook for Gabon operations leads us to cut FY23/FY24 margins 90bps/210bps and lower our TP to Rs 215 (vs. Rs 235); retain BUY

Ruchitaa Maheshwari research@bobcaps.in

Healthy revenue growth: Greenply (GIL) reported consolidated Q2FY23 revenue growth of 14% YoY (+9% QoQ) to Rs 4.9bn. India business grew 15% YoY as plywood volumes increased 7% and price realisation improved 6% to Rs 248/sqm. Gabon subsidiary revenue grew 12% YoY.

Margin subdued: Gross margin improved slightly to ~40% (+30bps YoY) in Q2 as the steady rise in timber cost was partly negated by softer chemical prices, along with a change in product mix. However, higher employee cost (+115bps YoY) saw operating margin fall 160bps YoY to 9.9% (10.7% adjusted for non-cash ESOP cost of Rs 40mn). India business posted a 255bps YoY decline in EBITDA margin to 8.9% (adj. 9.8%).

Volume guidance raised: Management has guided for ~4% volume growth in H2FY23, implying ~17% growth for FY23 (vs. 10-11% guided earlier) to 67mn sqm. Management did not provide EBITDA margin guidance.

Weak Gabon operations to weigh on margins: Management expects a slowdown in Gabon business in H2FY23 (50-60% revenue drop) due to energy cost volatility and soft demand in Europe, leading us to believe that near-term gains in the India plywood business will be nullified. MDF could provide strong support in FY24, but execution is a key monitorable. We cut FY23/FY24 EBITDA margin forecasts by 90bps/210bps to 9.6%/11.7% to incorporate the Gabon outlook and subdued domestic margins.

New capacity: GIL is setting up an MDF plant in Gujarat with a capacity of 800cbm per day for Rs 5.8bn-5.9bn (earlier Rs 5.5bn) by Q4FY23. The company is facing congestion at ports which may delay machine installation. The plant at Hapur, Uttar Pradesh, has annual plywood capacity of 7.5msm and is likely to be operational by Q4.

Retain BUY: The stock is trading at an inexpensive 16x FY24E EPS. We believe that a rerating is dependent on GIL's plywood business outperforming peers after an underwhelming showing in recent quarters. We continue to value the stock at 20x FY24E EPS – in line with its 5Y median of 21x – while lowering our TP to Rs 215 (vs. Rs 235) post estimate changes. BUY.

Key changes

,			
	Target	Rating	
	▼	∢ ▶	

Ticker/Price	MTLM IN/Rs 171
Market cap	US\$ 256.4mn
Free float	48%
3M ADV	US\$ 0.4mn
52wk high/low	Rs 255/Rs 161
Promoter/FPI/DII	52%/3%/45%

Source: NSE | Price as of 7 Nov 2022

Key financials

Y/E 31 Mar	FY22A	FY23E	FY24E
Total revenue (Rs mn)	15,628	17,859	23,211
EBITDA (Rs mn)	1,503	1,719	2,719
Adj. net profit (Rs mn)	947	846	1,313
Adj. EPS (Rs)	7.7	6.9	10.7
Consensus EPS (Rs)	7.7	10.5	12.3
Adj. ROAE (%)	19.4	14.7	19.4
Adj. P/E (x)	22.2	24.8	16.0
EV/EBITDA (x)	15.0	13.0	9.2
Adj. EPS growth (%)	55.5	(10.7)	55.2

Source: Company, Bloomberg, BOBCAPS Research

Stock performance



Source: NSE





Earnings call highlights

- Margin guidance difficult: Management hopes to maintain a standalone H2FY23 EBITDA margin of ~9% on the back of softening chemical prices and early signs of decline in timber. A&P spend is guided at 3.5% of sales in H2 (the same as in Q2) no cuts here. Further, GIL expects a slowdown in Gabon operations in H2, which could weigh on consolidated margins for the company.
- Demand outlook: According to GIL, demand sentiments remain positive after Diwali (November onward) supported by stronger real estate activity, especially in semiurban and rural areas. Secondary sales flagged in Oct'22 but primary sales did well. Management expects sustained recovery in the real estate sector, as well as a material shift in demand for its products from the unorganised to formal segment.
- Cost inflation: Timber prices increased 10% over Apr-Oct'22. However, chemicals witnessed a decline during the same period, providing much-needed relief and precluding the need for price hikes by GIL in Q2FY23 (phenol down by 14%, melamine by 45-50%, formaldehyde-based resins by 25-30%). Timber prices have currently fallen 3-4%; if this sustains, the company will refrain from any hikes. The company has not taken any price hike in Q2.
- Realisation: Realisations are stable at present, but with easing chemical prices and potentially lower timber costs, competitors may drop prices, compelling GIL to follow suit.
- Product mix: During Q2, the premium plywood segment grew 2-3% YoY. In terms
 of value, the premium/value segment contributed 60%/40% during Q2FY23 with a
 50%/50% volume mix.
- Plywood plant: GIL has started commercial production at Sandila, Lucknow (Uttar Pradesh) in Q2FY23. The plant has a capacity of 13.5msm which is 28% of the company's plywood capacity. Management expects 75% utilisation by Q4FY23 and aims to generate revenue of Rs 1.2bn-1.25bn in FY23 and Rs 2.2bn in FY24. Commencement of the Sandila plant has eliminated the plywood supply crunch faced by the company in Q1FY23 due to dependency on trading partners.
- Gabon operations: Gabon revenue grew 12% YoY (+7% QoQ) in Q2FY23, with an operating margin of 16.5% (11.8% in Q2FY22, 11.7% in Q1FY23). Management is cautious on H2FY23 prospects amid energy cost volatility in Europe (60% of Gabon revenue) and challenges arising out of the Russia-Ukraine war. Per management, Q3FY23 will be a loss quarter and H2FY23 could witness a 50-60% drop in sales (which can impact consolidated margins). Many buyers have put contracts on hold and some have cancelled orders, leading to a zero order book at present.
- **Net debt guidance:** Management expects net debt of Rs 6.5bn in FY23 owing to additional debt taken for the MDF plant and to some extent for Gabon and Sandila.
- Debt: GIL has sanctioned debt of Rs 4bn, of which GIL has drawn Rs 1.9bn to date. The balance Rs 2.1bn is to be drawn by Mar'23. One-third of the total debt has been secured from international banks.
- Capex: FY23 capex is planned at ~Rs 6.3bn (Rs 2.43bn incurred in H1FY23).



Fig 1 – Consolidated quarterly performance

(Rs mn)	Q2FY23	Q2FY22	YoY (%)	Q1FY23	QoQ (%)	H1FY23	H1FY22	YoY (%)
Net Revenue	4,947	4,324	14.4	4,535	9.1	6,932	9,483	(26.9)
COGS	2,990	2,601	15.0	2,780	7.6	4,079	5,771	(29.3)
% of sales	60.4	60.2	29bps	61.3	(86bps)	58.8	60.9	(201bps)
Employee expenses	637	506	25.9	561	13.4	952	1,198	(20.5)
% of sales	12.9	11.7	117bps	12.4	49bps	13.7	12.6	110bps
Other Expenses	831	720	15.5	793	4.9	1,271	1,624	(21.7)
% of sales	16.8	16.6	16bps	17.5	(68bps)	18.3	17.1	121bps
EBITDA	489	498	(1.7)	401	21.9	630	890	(29.2)
EBITDA Margin (%)	9.9	11.5	(162bps)	8.8	104bps	9.1	9.4	(30bps)
Depreciation/Amortisation	89	64	37.9	76	16.5	126	165	(23.8)
EBIT	400	433	(7.6)	325	23.2	504	725	(30.5)
EBIT Margin (%)	8.1	10.0	(193bps)	7.2	93bps	7.3	7.6	(37bps)
Net Interest Expenses	73	35	111.5	51	43.6	68	124	(45.1)
Other Income	14	20	(29.1)	16	(8.5)	41	30	37.2
PBT	341	419	(18.5)	289	17.9	476	630	(24.4)
Tax Expenses	91	100	(8.8)	76	20.1	116	168	(30.8)
Net Income before extraordinary items	250	318	(21.6)	213	17.1	361	463	(22.1)
Extraordinary items	0	0	-	0	-	0	0	-
Share of profit/(loss) from JV	(14)	1	(1033.9)	(6)	137.0	(1)	(19)	(96.9)
Reported Net Income	236	320	(26.2)	207	13.8	360	443	(18.8)
Causes Camanani DODCADC Danasah	·		·					

Source: Company, BOBCAPS Research

Fig 2 – Standalone quarterly performance

(Rs mn)	Q2FY23	Q2FY22	YoY (%)	Q1FY23	QoQ (%)	H1FY23	H1FY22	YoY (%)
Net Revenue	4,318	3,762	14.8	3,946	9.4	5,896	8,264	(28.7)
COGS	2,783	2,311	20.4	2,515	10.7	3,525	5,297	(33.5)
% of sales	64.4	61.4	302bps	63.7	72bps	59.8	64.1	(432bps)
Employee expenses	518	449	15.4	486	6.4	844	1,004	(16.0)
% of sales	12.0	11.9	6bps	12.3	(34bps)	14.3	12.1	216bps
Other Expenses	633	571	10.8	613	3.2	1,004	1,246	(19.4)
% of sales	14.7	15.2	(53bps)	15.5	(89bps)	17.0	15.1	196bps
EBITDA	385	431	(10.8)	332	16.0	523	717	(26.9)
EBITDA Margin (%)	8.9	11.5	(255bps)	8.4	50bps	8.9	8.7	21bps
Depreciation/Amortisation	51	46	9.9	50	1.6	90	101	(10.8)
EBIT	334	385	(13.3)	282	18.5	433	615	(29.6)
EBIT Margin (%)	7.7	10.2	(250bps)	7.1	59bps	7.3	7.4	(10bps)
Net Interest Expenses	16	14	11.6	13	23.2	31	29	8.5
Other Income	29	26	10.9	26	11.4	53	54	(2.9)
PBT	346	397	(12.6)	294	17.7	455	641	(29.0)
Tax Expenses	92	101	(9.3)	76	21.3	117	168	(30.1)
Reported Net Income	255	295	(13.8)	219	16.5	338	473	(28.7)

Source: Company, BOBCAPS Research

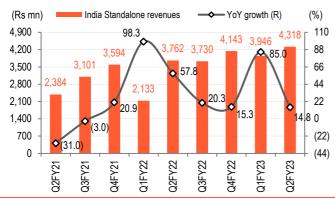


Fig 3 - Subsidiary results (primarily Gabon)

(Rs mn)	Q2FY23	Q2FY22	YoY (%)	Q1FY23	QoQ (%)	H1FY23	H1FY22	YoY (%)
Revenue	630	562	12.1	589	6.9	1,036	1,219	(15.0)
EBITDA	104	66	57.4	69	50.5	106	173	(38.7)
EBITDA Margin (%)	16.5	11.8	475bps	11.7	479bps	10.2	14.2	(396bps)

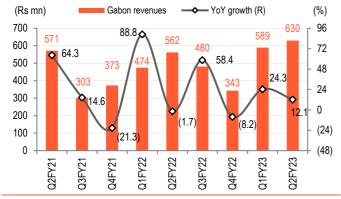
Source: Company, BOBCAPS Research

Fig 4 - India standalone revenue



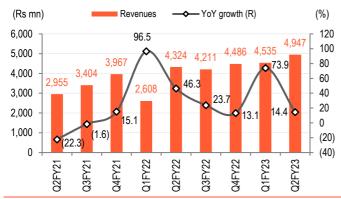
Source: Company, BOBCAPS Research

Fig 6 - Gabon revenue



Source: Company, BOBCAPS Research

Fig 8 - Consolidated revenue



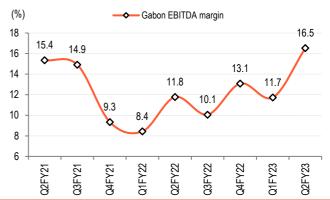
Source: Company, BOBCAPS Research

Fig 5 – India standalone EBITDA margin



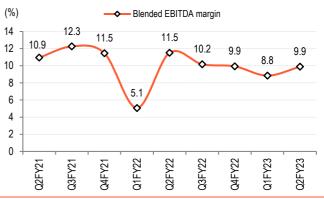
Source: Company, BOBCAPS Research

Fig 7 - Gabon EBITDA margin



Source: Company, BOBCAPS Research

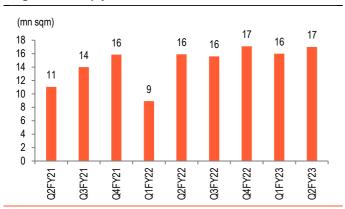
Fig 9 - Consolidated operating margin



Source: Company, BOBCAPS Research

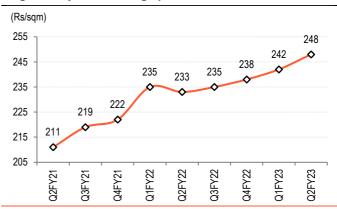


Fig 10 - India plywood volumes



Source: Company, BOBCAPS Research

Fig 11 – Plywood average price realisation



Source: Company, BOBCAPS Research



Valuation methodology

Management expects a slowdown in Gabon operations in H2FY23 (50-60% revenue drop) due to energy cost volatility and soft demand in Europe, leading us to believe that gains in the India plywood business will be nullified in the near term. MDF could provide strong revenue and EBITDA support in FY24, but execution is a key monitorable. To incorporate the weak Gabon outlook and subdued domestic margins, we cut our FY23/FY24 EBITDA margin forecasts by 90bps/210bps to 9.6%/11.7%, leading to a 9% decline in our EPS estimate for FY24.

The stock is trading at an inexpensive 16x FY24E EPS. We believe that a rerating is dependent on GIL's plywood business outperforming peers after an underwhelming showing in recent quarters. We continue to value GIL at 20x FY24E EPS – in line with its 5Y median of 21x – while lowering our TP to Rs 215 (vs. Rs 235) post estimate changes. Maintain BUY.

Fig 12 - Revised estimates

(Do mm)	New		0	ld	Change (%)	
(Rs mn)	FY23E	FY24E	FY23E	FY24E	FY23E	FY24E
Net Sales	17,859	23,211	17,173	21,436	(4.0)	(8.3)
EBITDA	1,719	2,719	1,795	2,959	(4.3)	(8.1)
EBITDA Margin (%)	9.6	11.7	10.5	13.8	(90bps)	(210bps)
PAT	846	1,313	817	1,447	3.6	(9.3)

Source: BOBCAPS Research

Key risks

Key downside risks to our estimates are:

- Regulatory concerns on RM sourcing: Wood is a key raw material for plywood.
 Any regulatory restrictions on sourcing of wood or face veneer will hit margins.
- Sharp rise in raw material prices: Higher raw material prices and an inability to pass these on may hurt profitability.
- Prolonged slowdown in housing market: A continued slowdown in the housing market would hit growth prospects.
- Rate hikes: A high interest rate environment may slow down real estate demand.

Sector recommendation snapshot

Company	Ticker	Market Cap (US\$ bn)	Price (Rs)	Target (Rs)	Rating
Century Plyboards	CPBI IN	1.6	588	735	BUY
Cera Sanitaryware	CRS IN	0.9	5,482	5,225	HOLD
Greenpanel Industries	GREENP IN	0.6	381	595	BUY
Greenply Industries	MTLM IN	0.3	171	215	BUY
Kajaria Ceramics	KJC IN	2.1	1,061	1,325	BUY
Pidilite Industries	PIDI IN	16.3	2,629	1,870	SELL
Somany Ceramics	SOMC IN	0.3	542	830	BUY

Source: BOBCAPS Research, NSE | Price as of 7 Nov 2022



Financials

Y/E 31 Mar (Rs mn)	FY20A	FY21A	FY22A	FY23E	FY24E
Total revenue	14,204			17,859	
		11,653	15,628		23,211
EBITDA	1,562	1,167	1,503	1,719	2,719
Depreciation	(257)	(231)	(258)	(377)	(554)
EBIT	1,304	936	1,244	1,341	2,164
Net interest inc./(exp.)	(208)	(166)	(119)	(331)	(543)
Other inc./(exp.)	6	44	125	97	109
Exceptional items	(495)	0	0	0	
EBT	1,102	814	1,250	1,107	1,730
Income taxes	(134)	(205)	(303)	(260)	(417)
Extraordinary items	0	0	0	0	C
Min. int./Inc. from assoc.	0	0	0	0	C
Reported net profit	473	609	947	846	1,313
Adjustments	368	0	0	0	C
Adjusted net profit	841	609	947	846	1,313
Balance Sheet	F\/00.4	EV04 A	E1/00 A	F)/00F	E)/0.4E
Y/E 31 Mar (Rs mn)	FY20A	FY21A	FY22A	FY23E	FY24E
Accounts payables	2,317	2,043	2,164	2,995	3,972
Other current liabilities	389	500	792	680	918
Provisions	348	212	225	321	418
Debt funds	2,674	1,917	2,919	7,400	6,400
Other liabilities	115	112	107	103	99
Equity capital	123	123	123	123	123
Reserves & surplus	3,657	4,244	5,259	6,027	7,259
Shareholders' fund	3,779	4,367	5,382	6,150	7,382
Total liab. and equities	9,622	9,151	11,588	17,649	19,189
Cash and cash eq.	103	1,280	726	1,311	1,199
Accounts receivables	3,565	1,939	1,864	2,824	3,637
Inventories	1,771	1,792	2,256	2,504	3,179
Other current assets	646	704	1,789	930	1,208
Investments	238	225	258	258	258
Net fixed assets	3,076	3,070	3,510	9,169	9,620
CWIP	52	62	1,096	566	3,020
Intangible assets	67	15	15	15	15
	105	64	73	73	73
Deferred tax assets, net					
Other assets Total assets	9,622	9,1 51	0 11.588	17.640	19,189
Total assets	9,022	9,101	11,300	17,649	19,105
Cash Flows					
Y/E 31 Mar (Rs mn)	FY20A	FY21A	FY22A	FY23E	FY24E
Cash flow from operations	701	2,251	271	2,019	1,952
Capital expenditures	(559)	(177)	(1,733)	(5,506)	(440
Change in investments	(16)	13	(33)	0	(
Other investing cash flows	(64)	41	(9)	0	(
Cash flow from investing	(639)	(123)	(1,775)	(5,506)	(440
Equities issued/Others	0	0	0	0	, ,
Debt raised/repaid	174	(757)	1,002	4,481	(1,000
Interest expenses		(166)	(119)	(331)	(543
Dividends paid	(208)	, ,	58		
	(59)	(49)		(78)	(81)
Other financing cash flows	(72)	21	0	4.072	(4.604)
Cash flow from financing	(166)	(951)	941	4,072	(1,624)
Chg in cash & cash eq.	(103)	1,177	(563)	585	(112)
Closing cash & cash eq.	103	1,280	717	1,311	1,199

Per Share					
Y/E 31 Mar (Rs)	FY20A	FY21A	FY22A	FY23E	FY24E
Reported EPS	3.9	5.0	7.7	6.9	10.7
Adjusted EPS	6.9	5.0	7.7	6.9	10.7
Dividend per share	0.4	0.4	0.4	0.5	0.5
Book value per share	30.8	35.6	43.9	50.2	60.2
Valuations Ratios					
Y/E 31 Mar (x)	FY20A	FY21A	FY22A	FY23E	FY24E
EV/Sales	1.8	2.0	1.4	1.3	1.1
EV/EBITDA	16.3	20.1	15.0	13.0	9.2
Adjusted P/E	25.0	34.5	22.2	24.8	16.0
P/BV	5.6	4.8	3.9	3.4	2.8
DuPont Analysis					
Y/E 31 Mar (%)	FY20A	FY21A	FY22A	FY23E	FY24E
Tax burden (Net profit/PBT)	138.5	74.8	75.8	76.5	75.9
Interest burden (PBT/EBIT)	46.5	86.9	100.5	82.5	79.9
EBIT margin (EBIT/Revenue)	9.2	8.0	8.0	7.5	9.3
Asset turnover (Rev./Avg TA)	153.6	124.1	150.7	122.2	126.0
Leverage (Avg TA/Avg Equity)	2.6	2.3	2.1	2.5	2.7
Adjusted ROAE	23.6	15.0	19.4	14.7	19.4
Ratio Analysis					
Y/E 31 Mar	FY20A	FY21A	FY22A	FY23E	FY24E
YoY growth (%)					
Revenue	0.6	(18.0)	34.1	14.3	30.0
EBITDA	3.6	(25.3)	28.7	14.4	58.2
Adjusted EPS	(1.3)	(27.6)	55.5	(10.7)	55.2
Profitability & Return ratios (%)		, ,			
• • • • • • • • • • • • • • • • • • • •			0.6	9.6	11.7
EBITDA margin	11.0	10.0	9.6	5.0	11.7
EBITDA margin EBIT margin	9.2	10.0 8.0	8.0	7.5	
•					9.3
EBIT margin Adjusted profit margin	9.2	8.0	8.0	7.5	9.3 5.7
EBIT margin Adjusted profit margin	9.2 5.9	8.0 5.2	8.0 6.1	7.5 4.7	9.3 5.7 19.4
EBIT margin Adjusted profit margin Adjusted ROAE ROCE	9.2 5.9 23.6	8.0 5.2 15.0	8.0 6.1 19.4	7.5 4.7 14.7	9.3 5.7 19.4
EBIT margin Adjusted profit margin Adjusted ROAE ROCE	9.2 5.9 23.6	8.0 5.2 15.0	8.0 6.1 19.4	7.5 4.7 14.7	9.3 5.7 19.4 12.0
EBIT margin Adjusted profit margin Adjusted ROAE ROCE Working capital days (days)	9.2 5.9 23.6 16.5	8.0 5.2 15.0 11.0	8.0 6.1 19.4 12.9	7.5 4.7 14.7 9.4	9.3 5.7 19.4 12.0
EBIT margin Adjusted profit margin Adjusted ROAE ROCE Working capital days (days) Receivables	9.2 5.9 23.6 16.5	8.0 5.2 15.0 11.0	8.0 6.1 19.4 12.9	7.5 4.7 14.7 9.4	9.3 5.7 19.4 12.0 51
EBIT margin Adjusted profit margin Adjusted ROAE ROCE Working capital days (days) Receivables Inventory	9.2 5.9 23.6 16.5	8.0 5.2 15.0 11.0	8.0 6.1 19.4 12.9 44 79	7.5 4.7 14.7 9.4 48	9.3 5.7 19.4 12.0 51
EBIT margin Adjusted profit margin Adjusted ROAE ROCE Working capital days (days) Receivables Inventory Payables	9.2 5.9 23.6 16.5	8.0 5.2 15.0 11.0	8.0 6.1 19.4 12.9 44 79	7.5 4.7 14.7 9.4 48	9.3 5.7 19.4 12.0 51 79 62

Adjusted debt/equity 0.7 0.1

Source: Company, BOBCAPS Research | Note: TA = Total Assets

1.2

6.3

1.4

5.6

1.4

10.4

0.4

1.8

4.0

1.0

1.7

4.0

0.7

Current ratio

Net interest coverage ratio



NOT FOR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN OR INTO THE UNITED STATES OF AMERICA ("US") OR IN OR INTO ANY OTHER JURISDICTION IF SUCH AN ACTION IS PROHIBITED BY APPLICABLE LAW.

Disclaimer

Recommendation scale: Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

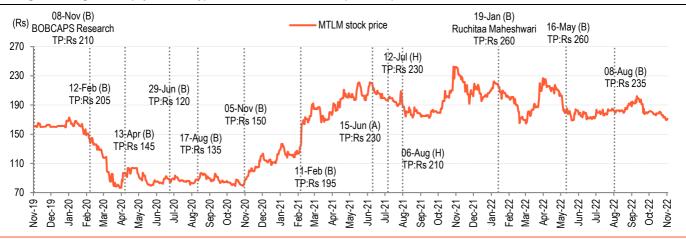
HOLD - Expected return from -6% to +15%

SELL - Expected return <-6%

Note: Recommendation structure changed with effect from 21 June 2021

Our recommendation scale does not factor in short-term stock price volatility related to market fluctuations. Thus, our recommendations may not always be strictly in line with the recommendation scale as shown above.

Ratings and Target Price (3-year history): GREENPLY INDUSTRIES (MTLM IN)



B - Buy, H - Hold, S - Sell, A - Add, R - Reduce

Analyst certification

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOB Capital Markets Limited (BOBCAPS).

General disclaimers

BOBCAPS is engaged in the business of Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH000000040 valid till 03 February 2025. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017. BOBCAPS CIN Number: U65999MH1996GOI098009.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction. We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. BOBCAPS research reports follow rules laid down by Securities and Exchange Board of India and individuals employed as research analysts are separate from other employees who are performing sales trading, dealing, corporate finance advisory or any other activity that may affect the independence of its research reports.

The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities — that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

GREENPLY INDUSTRIES



We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company. BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company or third party in the past 12 months in connection with research report/activities. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.

Other disclaimers

BOBCAPS and MAYBANK (as defined below) make no representation or warranty, express or implied, as to the accuracy or completeness of any information obtained from third parties and expressly disclaim the merchantability, suitability, quality and fitness of this report. The information in this report has not been independently verified, is provided on an "as is" basis, should not be relied on by you in connection with any contract or commitment, and should not be used as a substitute for enquiries, procedures and advice which ought to be undertaken by you. This report also does not constitute an offer or solicitation to buy or sell any securities referred to herein and you should not construe this report as investment advice. All opinions and estimates contained in this report constitute BOBCAPS's judgment as of the date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report and the information contained herein may not be reproduced, redistributed, disseminated or copied by any means without the prior consent of BOBCAPS and MAYBANK.

To the full extent permitted by law neither BOBCAPS, MAYBANK nor any of their respective affiliates, nor any other person, accepts any liability howsoever arising, whether in contract, tort, negligence, strict liability or any other basis, including without limitation, direct or indirect, special, incidental, consequential or punitive damages arising from any use of this report or the information contained herein. By accepting this report, you agree and undertake to fully indemnify and hold harmless BOBCAPS and MAYBANK from and against claims, charges, actions, proceedings, losses, liabilities, damages, expenses and demands (collectively, the "Losses") which BOBCAPS and/or MAYBANK may incur or suffer in any jurisdiction including but not limited to those Losses incurred by BOBCAPS and/or MAYBANK as a result of any proceedings or actions brought against them by any regulators and/or authorities, and which in any case are directly or indirectly occasioned by or result from or are attributable to anything done or omitted in relation to or arising from or in connection with this report.

Distribution into the United Kingdom ("UK"):

This research report will only be distributed in the United Kingdom, in accordance with the applicable laws and regulations of the UK, by Maybank Securities (London) Ltd) ("MSL") who is authorised and regulated by the Financial Conduct Authority ("FCA") in the United Kingdom (MSL and its affiliates are collectively referred to as "MAYBANK"). BOBCAPS is not authorized to directly distribute this research report in the UK.

This report has not been prepared by BOBCAPS in accordance with the UK's legal and regulatory requirements.

This research report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of MAYBANK as selected by MAYBANK solely at its discretion; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended from time to time (the "Order"), or (c) fall within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc. as mentioned in the stated Article) of the Order; (all such persons together being referred to as "relevant persons").

This research report is directed only at relevant persons and must not be acted on or relied on by any persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

The relevant person as recipient of this research report is not permitted to reproduce, change, remove, pass on, distribute or disseminate the data or make it available to third parties without the written permission of BOBCAPS or MAYBANK. Any decision taken by the relevant person(s) pursuant to the research report shall be solely at their costs and consequences and BOBCAPS and MAYBANK shall not have any liability of whatsoever nature in this regard.

No distribution into the US:

This report will not be distributed in the US and no US person may rely on this communication.

Other jurisdictions

This report has been prepared in accordance with SEBI (Research Analysts) Regulations and not in accordance with local regulatory requirements of any other jurisdiction. In any other jurisdictions, this report is only for distribution (subject to applicable legal or regulatory restrictions) to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions by Maybank Securities Pte Ltd. (Singapore) and / or by any broker-dealer affiliate or such other affiliate as determined by Malayan Banking Berhad.

If the recipient of this report is not as specified above, then it should not act upon this report and return the same to the sender.

By accepting this report, you agree to be bound by the foregoing limitations.