

Owens Corning

4Q23: DOOR deal could be overhang, but long-term margins & valuation attractive

Reiterate Rating: BUY | PO: 165.00 USD | Price: 143.03 USD

4Q beats; 1Q guide in line despite weaker composites

OC reported 4Q23 adjusted EPS of \$3.21, ahead of our \$2.88 forecast – its 19th consecutive quarterly beat vs. consensus. 1Q guidance was in line with our forecast as a better roofing and in line insulation outlook (~80% of EBIT) offset continued weakness in composites (especially glass reinforcements). Owens Corning shares are down 10% vs. S&P 500 flattish since announcing its agreement to acquire Masonite last Friday (OC to acquire Masonite; closing the DOOR on glass reinforcements could be next 09 February 2024). We think underlying earnings remain strong and reiterate our Buy rating given attractive valuation at 6.2x 2025E EV/EBITDA and 9% free cash flow yield. We raise our 2024E/2025E adj. EPS forecasts 6%/4% to reflect higher EBIT margins. Our PO remains \$165, still based 7x 2025E EV/EBITDA.

Roofing/insulation guide looks conservative

OC guided to revenue down slightly YoY in 1Q, which was a bit below our previous forecast. Roofing revenue is expected to decrease low-single digits with flat-to-down volumes, despite industry shipments expected to increase ~20% (tough comps vs. 1Q23 outperformance). Insulation revenue is expected to decline slightly YoY with lower global and technical volumes and flat NA residential volumes, which should inflect positive in early 2024 as housing completions improve. OC expects composites revenue to decline low- to mid-teens YoY on lower demand and headwinds from lower contract and spot pricing in glass reinforcements. OC recently announced it is seeking strategic alternatives for its glass reinforcements business (~60% of composite sales), which lagged downstream nonwovens and structural lumber (which continues to grow).

Structural margin story in roofing/insulation intact

OC management increased the long-term roofing EBIT margin guide to the mid-20% from prior ~20% driven by: (1) improved efficiency on production lines (debottlenecking, automation, and process technology); (2) exiting the lower margin package business; and (3) increasing component sales (higher margin). In insulation, OC has held margins in the mid-teens range and raised prices over the last two years despite volume declines.

Margins should improve better than seasonality after 1Q

We expect margins to improve with better-than-normal seasonality in 2Q vs. 1Q because: (1) OC has announced price increases in both roofing and insulation that will start to be realized in 2Q24; and (2) OC has unfavorable natural gas hedges that are rolling off in 1Q (benefits insulation and composites).

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
EPS	12.91	14.35	13.67	13.85	14.53
EPS Change (YoY)	38.9%	11.2%	-4.7%	1.3%	4.9%
Consensus EPS (Bloomberg)			13.74	15.11	17.27
DPS	1.40	2.08	2.40	2.60	2.60
Valuation (Dec)					
P/E	11.1x	10.0x	10.5x	10.3x	9.8x
Dividend Yield	1.0%	1.5%	0%	0%	1.8%
EV / EBITDA*	6.6x	6.4x	6.8x	6.9x	6.9x
Free Cash Flow Yield*	10.1%	9.2%	8.0%	9.6%	9.7%
* For full definitions of <i>IO</i> method SM measures, see page 6.					

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Refer to important disclosures on page 7 to 9. Analyst Certification on page 5. Price
Objective Basis/Risk on page 5.

14 February 2024

Equity

Key Changes		
(US\$)	Previous	Current
2024E EPS	12.92	13.67
2025E EPS	13.38	13.85
2026E EPS	13.65	14.53

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Stock Data

Price	143.03 USD
Price Objective	165.00 USD
Date Established	29-Jan-2024
Investment Opinion	B-1-7
52-Week Range	88.86 USD - 160.18 USD
Mrkt Val (mn) / Shares Out	13,001 USD / 90.9
(mn)	
Free Float	99.1%
Average Daily Value (mn)	90.04 USD
BofA Ticker / Exchange	OC / NYS
Bloomberg / Reuters	OC US / OC.N
ROE (2024E)	22.1%
Net Dbt to Eqty (Dec-2023A)	27.6%
ESGMeter™	High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

iQprofile[™]Owens Corning

iQmethod [™] – Bus Performance*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Return on Capital Employed	15.8%	15.1%	13.0%	12.0%	11.5%
Return on Equity	28.3%	26.7%	22.1%	19.8%	18.5%
Operating Margin	18.3%	18.7%	16.6%	16.0%	16.0%
Free Cash Flow	1,314	1,193	1,041	1,254	1,256
iQmethod [™] – Quality of Earnings*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash Realization Ratio	1.4x	1.3x	1.3x	1.6x	1.6>
Asset Replacement Ratio	0.9x	1.0x	1.0x	1.0x	1.0>
Tax Rate	23.9%	24.9%	25.0%	25.0%	25.0%
Net Debt-to-Equity Ratio	41.0%	27.6%	21.3%	12.6%	4.8%
Interest Cover	16.2x	23.8x	23.0x	22.3x	22.2>
Income Statement Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Sales	9,761	9,677	9,990	10,018	10,018
% Change	14.9%	-0.9%	3.2%	0.3%	0%
Gross Profit	2,616	2,683	2,642	2,589	2,577
% Change	NA	NA	NA	NA	NA
EBITDA	2,267	2,313	2,206	2,152	2,150
% Change	19.6%	2.0%	-4.6%	-2.4%	-0.1%
Net Interest & Other Income	(131)	(76)	(72)	(72)	(72)
Net Income (Adjusted) % Change	1,258 24.7%	1,304 -3.9%	1,189 -0.3%	1,149 -3.4%	1,147 -0.2%
Free Cash Flow Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Net Income from Cont Operations (GAAP)	1,241	1,193	1,189	1,149	1,147
Depreciation & Amortization	505 (19)	508	548 (269)	548	548 (
Change in Working Capital Deferred Taxation Charge	37	(33)	(209)	(4) 77	76
Other Adjustments, Net	(4)	25	44	44	44
Capital Expenditure	(446)	(526)	(550)	(560)	(560)
Free Cash Flow	1,314	1,193	1,041	1,254	1,256
% Change	NA	NA	NA	NA	N/
Share / Issue Repurchase	(795)	(657)	(600)	(600)	(600)
Cost of Dividends Paid	(136)	(188)	(209)	(216)	(205
Change in Debt	(5)	0	0	0	(
Balance Sheet Data (Dec)					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026
Cash & Equivalents	1,099	1,615	1,848	2,286	2,736
Trade Receivables	961	987	1,191	1,194	1,194
Other Current Assets	1,496	1,315	1,453	1,468	1,470
Property, Plant & Equipment	3,729	3,841	3,843	3,855	3,867
Other Non-Current Assets	3,467	3,479	3,439	3,401	3,363
Total Assets	10,752	11,237	11,774	12,203	12,630
Short-Term Debt	0	431	431	431	431
Other Current Liabilities	2,104	1,893	1,965	1,980	1,982
Long-Term Debt	2,992	2,615	2,615	2,615	2,615
Other Non-Current Liabilities Total Liabilities	1,035	1,088	1,128	1,166	1,204
	6,131 4,621	6,027 5 185	6,139 5,635	6,191	6,232
Total Equity Total Equity & Liabilities	10,752	5,185 11,212	11,774	6,012 12,203	6,398 12,630
TOTAL FORM V & CLADINIES	111/7/	11/1/	11/14	1//115	1/030

Company Sector

Building Products

Company Description

OC is a leading building products company manufacturing and selling fiberglass insulation, asphalt roofing shingles/underlayments and glass fiber composites into a variety of end markets. The company estimates that it has leading Composites market share in the US, Europe and India.

Investment Rationale

We rate OC shares Buy. OC has one of the most compelling valuations across our universe.

Stock Data

Average Daily Volume 629,524

Quarterly Earnings Estimates

	2023	2024
Q1	2.77A	2.97E
Q2	4.22A	4.07E
Q3	4.15A	3.62E
Q4	3.21A	3.02E



Exhibit 1: Owens Corning earnings variance compared to BofA forecasts 4Q23 beat on better than expected margins

	•	YoY Change			Variance vs BofAe			
Income Statement	<u>4022</u>	<u>4023</u>	<u>YoY</u>	<u>BofAe</u>	4Q23A	Δ		
Sales (\$ mm)	\$2,285	\$2,304	1%	\$2,271	\$2,304	1%		
Gross Margin	24.9%	26.7%	175 bps	25.5%	26.7%	119 bps		
SG&A % of Sales	10.9%	11.2%	21 bps	9.5%	11.2%	165 bps		
Operating Margin	14.4%	17.1%	262 bps	16.0%	17.1%	106 bps		
EBITDA Margin	20.1%	22.5%	235 bps	21.9%	22.5%	63 bps		
Pre-tax Margin	13.4%	16.4%	301 bps	15.3%	16.4%	115 bps		
Operating EPS	\$2.49	\$3.21	29 %	\$2.88	\$3.21	11%		
GAAP EPS	\$1.32	\$1.46	11%	\$2.88	\$1.46	(49%)		
Segment Results	<u>4022</u>	<u>4023</u>	<u>YoY</u>	<u>BofAe</u>	4Q23A	Δ		
<u>Sales</u>								
Composites	\$589	\$514	(12.7%)	\$536	\$514	(4%)		
Insulation	\$956	\$931	(2.6%)	\$908	\$931	3%		
Roofing	\$799	\$928	16.1%	\$887	\$928	5%		
Operating Profit								
Composites	\$64	\$26	(59.4%)	\$38	\$26	(31%)		
Insulation	\$153	\$150	(2.0%)	\$136	\$150	10%		
Roofing	\$168	\$284	69.0%	\$248	\$284	14%		
Operating Margin								
Composites	10.9%	5.1%	-581 bps	7.0%	5.1%	-194 bps		
Insulation	16.0%	16.1%	11 bps	15.0%	16.1%	111 bps		
Roofing	21.0%	30.6%	958 bps	28.0%	30.6%	260 bps		

Source: BofA Global Research estimates, Company Data

BofA GLOBAL RESEARCH

Exhibit 2: Owens Corning income statementWe expect OC's EPS to decrease in 2024, but rebound in 2025

YE 12/31		202	4E		2023	2024E	2025E
(\$ mm)	3/31/2024	6/30/2024	9/30/2024	12/31/2024	12/31/2023	12/31/2024	12/31/2025
	<u>1QE</u>	2QE	<u>3QE</u>	4QE			
Net Sales	\$2,290	\$2,720	\$2,584	\$2,396	\$9,677	\$9,990	\$10,018
Cost of sales	1,695	1,966	1,899	1,787	6,994	7,348	7,428
Gross Profit	\$595	\$753	\$685	\$609	\$2,683	\$2,642	\$2,589
Marketing & administrative expenses	199	228	220	218	831	865	866
Science & technology expenses	27	33	30	29	123	119	119
Other expense, net		<u> </u>		<u>-</u>	(76)	<u> </u>	
Operating income	\$369	\$492	\$435	\$362	\$1,805	\$1,658	\$1,604
Interest expense	18	18	18	18	76	72	72
Other expense (income), net		<u> </u>		<u>-</u>		<u> </u>	
Earnings before income taxes	\$351	\$474	\$417	\$344	\$1,729	\$1,586	\$1,532
Income tax expense	88	119	104	86	431	396	383
Equity in net earnings of affiliates			<u> </u>		3		
Earnings from continuing operations	\$263	\$356	\$313	\$258	\$1,301	\$1,189	\$1,149
Net income attributable to noncontrolling interest		<u> </u>		<u>-</u>	(3)	<u> </u>	<u> </u>
Net income attributable to OC	\$263	\$356	\$313	\$258	\$1,304	\$1,189	\$1,149
Diluted EPS (Adjusted Shares, Cont. Ops.)	\$2.97	\$4.07	\$3.62	\$3.02	\$14.35	\$13.67	\$13.85
Adjusted Common Shares Outstanding:							
Diluted	88.5	87.5	86.5	85.5	90.9	87.0	83.0
Dividend per share	\$0.60	\$0.60	\$0.60	\$0.60	\$2.08	\$2.40	\$2.60
YoY growth in Dividend/share	15.4%	15.4%	15.4%	15.4%	48.6%	15.4%	8.3%
EBITDA Calculation							_
Adjusted Operating Profit	\$369	\$492	\$435	\$362	\$1,805	\$1,658	\$1,604
(+) Other non-operating income/(expense)	<u> </u>	<u> </u>	<u>-</u>	<u>-</u>		<u>-</u>	
Adjusted EBIT	\$369	\$492	\$435	\$362	\$1,805	\$1,658	\$1,604
(+) Equity income	-	-	-	-	-	-	-
(-) Non-controlling interest				<u> </u>			-
(=) Adjusted EBIT (BofA)	\$369	\$492	\$435	\$362	\$1,805	\$1,658	\$1,604
(+) D&A	137	137	137	137	508	548	548
(=) Adjusted EBITDA	\$506	\$629	\$572	\$499	\$2,313	\$2,206	\$2,152
<u>Margins</u>							
Gross Margin	26.0%	27.7%	26.5%	25.4%	27.7%	26.4%	25.8%
Marketing & Administrative as a % of sales	8.7%	8.4%	8.5%	9.1%	8.6%	8.7%	8.6%
Science & Technology as a % of sales	1.2%	1.2%	1.2%	1.2%	1.3%	1.2%	1.2%
Total SG&A as a % of sales	9.9%	9.6%	9.7%	10.3%	9.9%	9.9%	9.8%
Operating Margin	16.1%	18.1%	16.8%	15.1%	18.7%	16.6%	16.0%

Exhibit 2: Owens Corning income statementWe expect OC's EPS to decrease in 2024, but rebound in 2025

YE 12/31		2024	Ē		2023	2024E	2025E
EBIT Margin	16.1%	18.1%	16.8%	15.1%	18.7%	16.6%	16.0%
Adjusted EBITDA Margin	22.1%	23.1%	22.1%	20.8%	23.9%	22.1%	21.5%
Pre-tax Margin	15.3%	17.4%	16.1%	14.3%	17.9%	15.9%	15.3%
Net Margin post-noncontrolling interest (continuing ops)	11.5%	13.1%	12.1%	10.8%	13.5%	11.9%	11.5%
Net Margin (attributable to OC)	11.5%	13.1%	12.1%	10.8%	13.5%	11.9%	11.5%
Tax rate	25.0%	25.0%	25.0%	25.0%	24.9%	25.0%	25.0%
YoY % Change							
Sales	(1.8%)	6.1%	4.2%	4.0%	(0.9%)	3.2%	0.3%
Gross Profit	1.1%	0.2%	(5.8%)	(1.1%)	2.6%	(1.5%)	(2.0%)
Operating Profit	2.1%	(7.8%)	(15.9%)	(7.9%)	1.2%	(8.2%)	(3.2%)
EBIT	2.1%	(7.8%)	(16.0%)	(7.7%)	2.4%	(8.2%)	(3.2%)
EBITDA	3.6%	(5.2%)	(11.2%)	(3.7%)	2.0%	(4.6%)	(2.4%)
Pre-tax Profit	3.5%	(7.2%)	(16.8%)	(9.1%)	4.6%	(8.3%)	(3.4%)
Net Income post-noncontrolling interest (continuing ops)	3.1%	(7.6%)	(17.1%)	(10.2%)	3.7%	(8.8%)	(3.4%)
Net Income (attributable to OC)	3.1%	(7.6%)	(17.1%)	(10.2%)	3.7%	(8.8%)	(3.4%)
EPS	7.2%	(3.6%)	(12.8%)	(5.9%)	11.2%	(4.7%)	1.3%
YoY BPS Change							
Gross Margin	73 bps	-164 bps	-283 bps	-129 bps	93 bps	-128 bps	-60 bps
SG&A % Sales	-5 bps	43 bps	39 bps	-85 bps	55 bps	0 bps	-2 bps
Operating Margin	61 bps	-273 bps	-403 bps	-196 bps	38 bps	-206 bps	-58 bps
EBIT Margin	61 bps	-273 bps	-407 bps	-191 bps	60 bps	-206 bps	-58 bps
EBITDA Margin	115 bps	-277 bps	-385 bps	-166 bps	68 bps	-182 bps	-60 bps
Pre-tax Margin	77 bps	-250 bps	-408 bps	-206 bps	93 bps	-199 bps	-58 bps
Net Margin post-noncontrolling interest (continuing ops)	55 bps	-194 bps	-311 bps	-170 bps	59 bps	-157 bps	-43 bps
Net Margin (attributable to OC)	55 bps	-194 bps	-311 bps	-170 bps	59 bps	-157 bps	-43 bps
Tax rate	-7 bps	-5 bps	5 bps	40 bps	103 bps	7 bps	0 bps

Source: BofA Global Research estimates, Company Data

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Price objective basis & risk

Owens Corning (OC)

Our PO for OC is \$165. Our PO is based on 7x 2025E EV/EBITDA, in line with Owens Corning's historical average and roughly in line with OC's historical discount to the group to the current peer group average. We believe that a multiple in the middle of OC's historical range is appropriate given positive demand and pricing trends but some input cost pressure and capacity constraints.

Downside risks: 1) further input cost pressure, 2) softer-than-expected new construction and repair and remodel trends in the US, 3) slower-than-expected GDP growth in key regions, 4) deceleration in industrial production, 5) further competitor capacity additions in the insulation industry, 6) inability to successfully integrate acquisitions, 7) slowing global growth.

Upside risks: 1) stronger than-expected new construction and repair and remodel trends in the US, 2) upside to GDP growth in key regions and global industrial production, 3) better-than-forecast capacity utilization, particularly in Insulation, 4) stronger-than-expected pricing power.

Analyst Certification

I, Rafe Jadrosich, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Homebuilders and Building Products Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Armstrong World Industries, Inc.	AWI	AWI US	Rafe Jadrosich
	Builders FirstSource Inc	BLDR	BLDR US	Rafe Jadrosich
	D.R. Horton, Inc.	DHI	DHI US	Rafe Jadrosich
	Latham Group, Inc.	SWIM	SWIM US	Shaun Calnan, CFA
	Leslie's	LESL	LESL US	Shaun Calnan, CFA
	NVR, Inc.	NVR	NVR US	Rafe Jadrosich
	Owens Corning	OC	OC US	Rafe Jadrosich
	PulteGroup Inc.	PHM	PHM US	Rafe Jadrosich
	The AZEK Company Inc.	AZEK	AZEK US	Rafe Jadrosich
	Toll Brothers, Inc.	TOL	TOL US	Rafe Jadrosich
	TopBuild Corp	BLD	BLD US	Rafe Jadrosich
	Trex Company, Inc.	TREX	TREX US	Rafe Jadrosich
NEUTRAL				
	Dream Finders Homes, Inc.	DFH	DFH US	Rafe Jadrosich
	KB Home	KBH	KBH US	Rafe Jadrosich
	Lennar Corporation	LEN	LEN US	Rafe Jadrosich
	Smith Douglas Homes Corp.	SDHC	SDHC US	Rafe Jadrosich
UNDERPERFORM				
	Fortune Brands Innovations Inc	FBIN	FBIN US	Rafe Jadrosich
	Hayward Holdings, Inc.	HAYW	HAYW US	Rafe Jadrosich
	Masco Corp	MAS	MAS US	Rafe Jadrosich
	Mohawk Industries	MHK	MHK US	Rafe Jadrosich
	Patrick Industries, Inc.	PATK	PATK US	Rafe Jadrosich
	Pool Corporation	POOL	POOL US	Shaun Calnan, CFA



IQmethod[™] Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) × (1 - Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
,	Other LT Liabilities	

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

Menethod 3*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

Redatabase is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

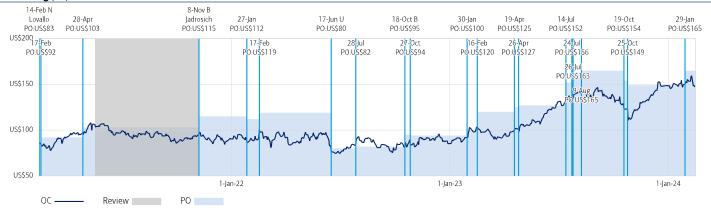
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Disclosures

Important Disclosures

Owens Corning (OC) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Building Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	39	44.83%	Buy	22	56.41%
Hold	18	20.69%	Hold	11	61.11%
Sell	30	34.48%	Sell	8	26.67%

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Inderperform	N/A	≥ 20%

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