

BP PLASTICS HOLDING (BPPLAS-KU)

Applied Resources / Containers & Packaging / Non-Paper Packaging

DETAILED STOCK REPORT

Report Date: 20 May 2020

Last Close 1.11 (MYR)	Avg Daily Vol 204,971	52-Week High 1.15	Trailing PE 8.9	Annual Div 0.06	ROE 12.3%	LTG Forecast --	1-Mo Return 18.7%
20 May 2020 MALAYSIA Exchange	Market Cap 208M	52-Week Low 0.61	Forward PE --	Dividend Yield 5.4%	Annual Rev 328M	Inst Own 0.9%	3-Mo Return 5.7%

AVERAGE SCORE

AVERAGE SCORE

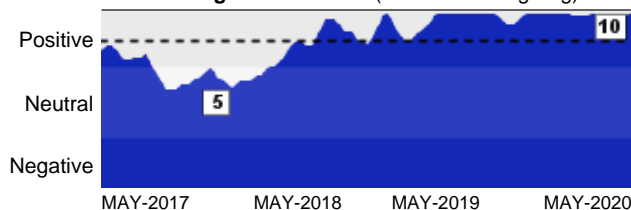
10

POSITIVE OUTLOOK: BPPLAS is currently among an exclusive group of 49 stocks awarded our highest score of 10.

Score Averages

Containers & Packaging Group: 6.6	Small Market Cap: 5.3
Applied Resources Sector: 5.5	FBM KLCI Index: 6.0

Average Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
BPPLAS	10	10	10	10	10	
BRIGHT	8	5	6	7	6	
ATAIMS	8	6	6	4	5	
DNONCE	6	4	5	4	5	
TOMYPAK	3	4	3	4	3	

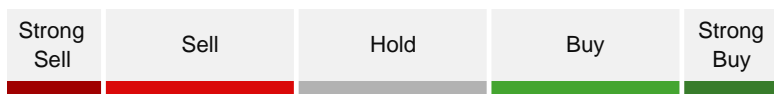
HIGHLIGHTS

- The score for BP Plastics Holding last changed from 9 to 10 on 05/04/20 and has remained the same for 7 weeks.
- In the past 3 years, the best score was 10 on 17/05/20, and the worst score was 5 on 14/01/18.

I/B/E/S MEAN

NA
0 Analysts

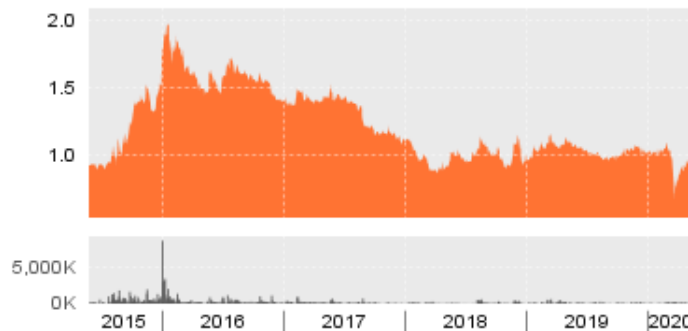
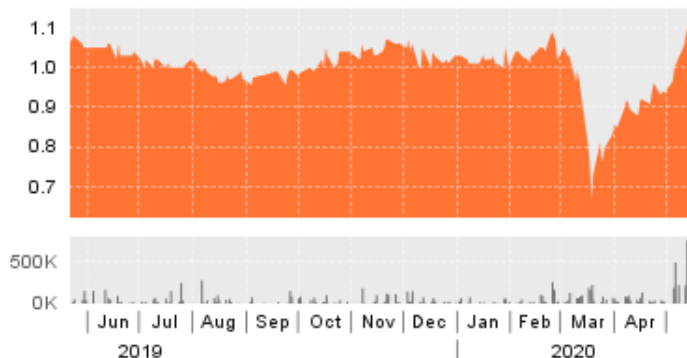
Mean recommendation from all analysts covering the company on a standardized 5-point scale.



PRICE AND VOLUME CHARTS

1-Year Return: 4.7%

5-Year Return: 16.8%



BUSINESS SUMMARY

BP Plastics Holding Bhd. (BPPLAS) is an investment holding company. The Company's segments include Local and Export. The Company is a polyethylene film and bag manufacturer. It specializes in stretch and shrink films. BPPLAS also produces various flat polyethylene film for printing, lamination, surface protective film, air cargoes packaging film, builder film and various polyethylene bag focused for different industrial packaging applications. The Company's products have two divisions, which include Industrial Packaging Division and Stretch Film Division. The Industrial Packaging Division includes plain and printed polyethylene (PE) collation shrink film, PE lamination-based film, general purpose bag and film, PE shrink hood and sheeting, printed Form-Fill-Seal (FFS) film, protective-based film and magazine wraps. Its Stretch Film Division includes INFINITY, CLARITY, PRIORITY, plain and colored cast stretch film, jumbo roll, Bundle Wrap and Extended Core, Super Thick Wrap and R-Edge.

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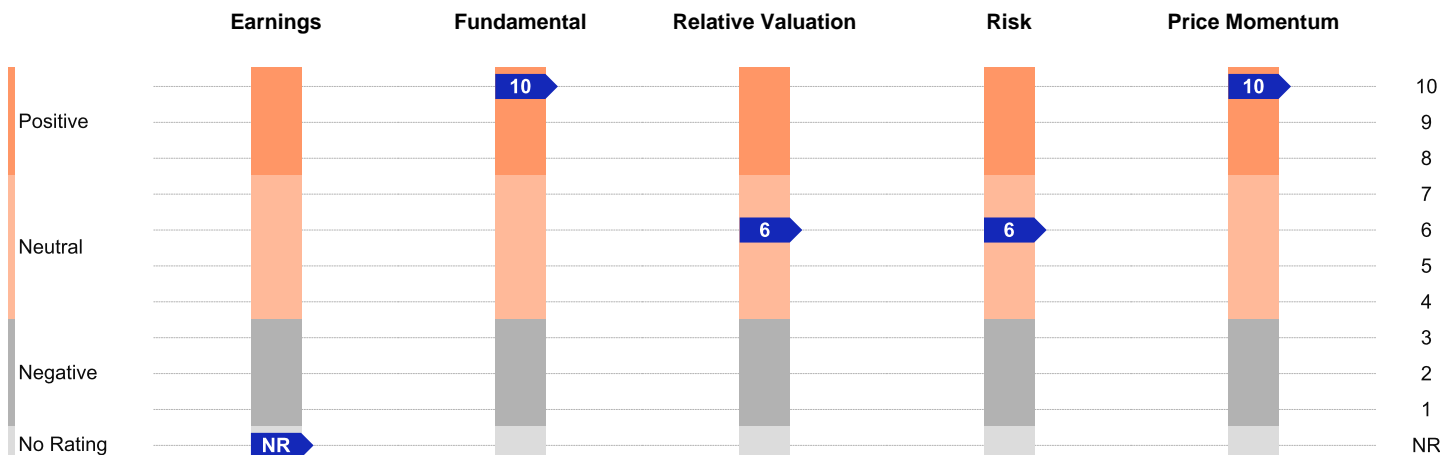
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INDICATOR COMPONENTS

AVERAGE SCORE

10

The **AVERAGE SCORE** combines the quantitative analysis of five widely-used investment decision making tools: Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. A simple average of the underlying component ratings is normally distributed to rank stocks on a 1-10 scale (10 being awarded to the most favorable). These factors may be evaluated differently using alternative methodologies and the importance of individual factors varies across industries, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.



PEER ANALYSIS

Currency in MYR

Average Score	Ticker	PRICE MOMENTUM				VALUATION			FUNDAMENTAL		ANALYSTS	
		Price (20/05/20)	1-Mo Return	3-Mo Return	1-Yr Return	Market Cap	Trailing PE	Forward PE	Dividend Yield	Net Margin	LTG Forecast	I/B/E/S Mean
9	SCIENTX	8.32	0.6%	-11.9%	-3.3%	4.3B	11.2	11.8	2.4%	10.8%	-- Buy	5
5	ATAIMS	1.02	-13.6%	-35.8%	-41.7%	1.3B	12.2	12.9	3.2%	2.8%	-- Hold	6
8	DAIBOCI	2.38	16.1%	-6.7%	11.2%	767M	30.1	17.0	--	2.3%	-- Strong Buy	3
8	TGUAN	3.62	12.4%	-13.4%	39.2%	647M	9.7	11.5	0.6%	6.9%	-- Hold	2
10	JOHOTIN	1.48	5.7%	-19.6%	5.0%	441M	9.6	8.9	4.3%	8.4%	-- Strong Buy	2
9	PERSTIM	4.25	7.3%	4.7%	-13.3%	412M	12.6	--	7.1%	3.6%	-- --	--
10	BPPLAS	1.11	18.7%	5.7%	4.7%	208M	8.9	--	5.4%	7.0%	-- --	--
3	TOMYPAK	0.44	19.2%	-10.3%	-10.3%	168M	--	--	--	-7.5%	-- Sell	2
5	DNONCE	0.26	0.0%	-1.9%	-43.3%	71M	166.7	--	--	1.1%	-- --	--
6	BRIGHT	0.19	0.0%	-24.5%	-5.1%	40M	26.2	--	--	2.6%	-- --	--
4	IQZAN	0.09	54.5%	70.0%	-29.2%	15M	4.9	--	--	-53.7%	-- --	--
7	Average	2.10	11.0%	-4.0%	-7.8%	759M	29.2	12.4	3.8%	-1.4%	-- Buy	3.3

PEER COMPANIES

SCIENTX	Scientex	PERSTIM	Perusahaan Sadur Timah
ATAIMS	ATA IMS	TOMYPAK	Tomypak Holdings
DAIBOCI	Daibochoi	DNONCE	D'nonce Technology
TGUAN	Thong Guan Industries	BRIGHT	Bright Packaging Industry
JOHOTIN	Johore Tin	IQZAN	Iqzan Holding

BP PLASTICS HOLDING (BPPLAS-KU)

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EARNINGS Currency in MYR

This company does not currently meet the data requirements to calculate a score for this component.



Earnings Score Averages

Containers & Packaging Group:	4.9	Small Market Cap:	5.1
Applied Resources Sector:	4.6	FBM KLCI Index:	6.4

Earnings Score Trend (4-Week Moving Avg)



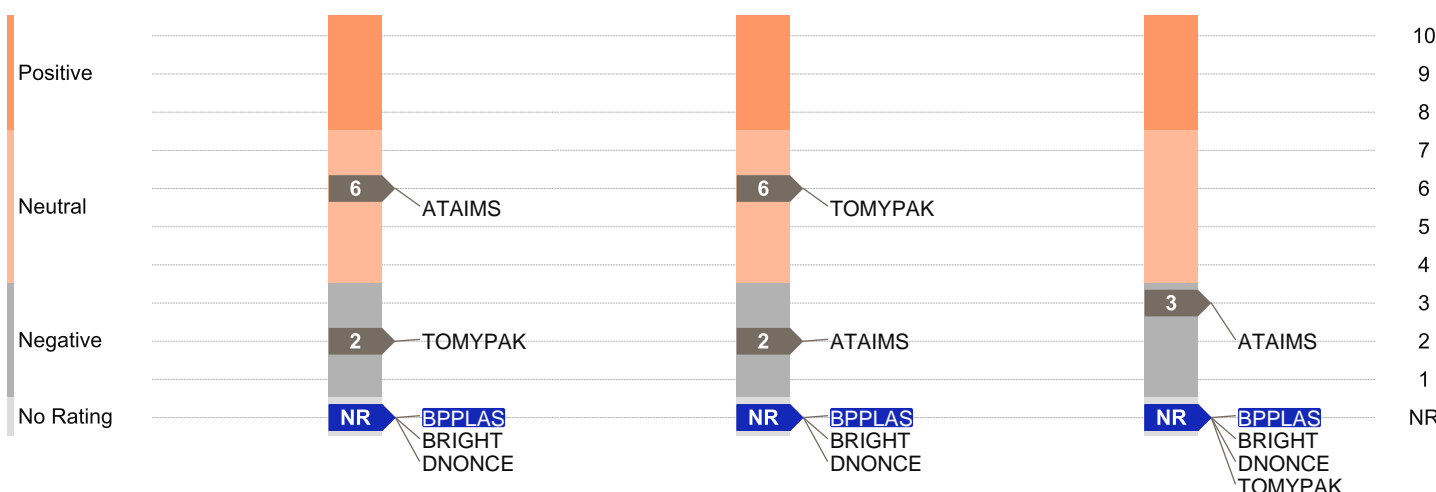
Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
ATAIMS	6	6	5	2	2	
TOMYPAK	1	2	2	2	2	
BPPLAS	NR	NR	NR	NR	NR	
BRIGHT	NR	NR	NR	NR	NR	
DNONCE	NR	NR	NR	NR	NR	

EARNINGS INDICATORS

Earnings Surprises
(33.3% weight)

Estimate Revisions
(33.3% weight)

Recommendation Changes
(33.3% weight)



Last 4 Quarters

# Positive Surprises (> 2%)	0
# Negative Surprises (< -2%)	0
# In-Line Surprises (within 2%)	0
Avg Surprise	--

Last 4 Weeks

# Up Revisions	--
# Down Revisions	--
Avg Up Revisions	--
Avg Down Revisions	--

Last 120 Days

# Broker Upgrades	0
# Broker Downgrades	0

HIGHLIGHTS

- Due to a lack of recent analyst activity, no Earnings Rating can be calculated for BP Plastics Holding. The average Earnings Rating for its Non-Paper Packaging industry is 4.9 and the FTSE BURSA MALAYSIA COMPOSITE index average is 6.3.
- There have been no upward or downward broker recommendation changes for BP Plastics Holding over the past 120 days.

PRICE TARGET

The chart indicates where analysts predict the stock price will be within the next 12 months, as compared to the current price.



12-Month Price Target

Mean (MYR)	--
High	--
Low	--
Target vs. Current	--
# of Analysts	--

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Applied Resources / Containers & Packaging / Non-Paper Packaging

DETAILED STOCK REPORT

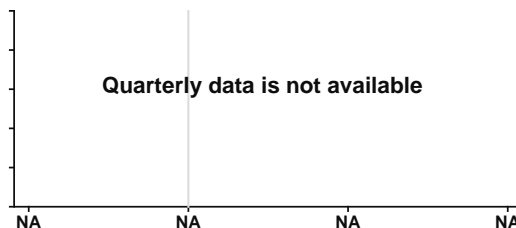
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EARNINGS PER SHARE

Earnings per share (EPS) is calculated by dividing a company's earnings by the number of shares outstanding. Analysts tend to interpret a pattern of increasing earnings as a sign of strength and flat or falling earnings as a sign of weakness.

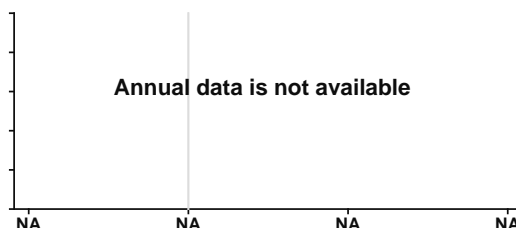
The charts provide a comparison between a company's actual and estimated EPS, including the high and low forecasts.

Actuals Estimates



Quarterly	NA	NA
Mean	--	--
High	--	--
Low	--	--
# of Analysts	--	--

Actuals Estimates



Annual	NA	NA
Mean	--	--
High	--	--
Low	--	--
# of Analysts	--	--

MEAN ESTIMATE TREND

	Q	Q	Y	Y	Price Target
Current	--	--	--	--	--
30 Days Ago	--	--	--	--	--
90 Days Ago	--	--	--	--	--
% Change (90 Days)	--	--	--	--	--

Current Fiscal Year End: --
Next Expected Report Date: --

ANALYST RECOMMENDATIONS

I/B/E/S Mean: **NA (0 Analysts)**

Strong Buy	0
Buy	0
Hold	0
Sell	0
Strong Sell	0

EARNINGS SURPRISES

Comparing a company's actual earnings to the mean expectation of analysts results in a difference referred to as a 'positive' or 'negative' surprise. Research has shown that when a company reports a surprise, it is often followed by more of the same surprise type.

Surprise Detail (Last 6 Periods)

Surprise Type	Announce Date	Period End Date	Actual EPS	Mean EPS	Surprise (%)
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There are no earnings surprises during this time period.

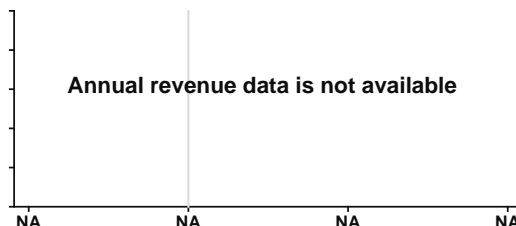
Surprise Summary (Last 12 Quarters)

Surprise Type	Amount	Percent
Positive Quarters (> 2%)	0	--
Negative Quarters (< -2%)	0	--
In-Line Quarters (within 2%)	0	--

ANNUAL REVENUE

A pattern of increasing sales in conjunction with a rising EPS may influence a buy recommendation, while flat or falling sales and faltering earnings may explain a sell recommendation. A rising EPS with flat or falling sales may result from increased cost efficiency and margins, rather than market expansion. This chart shows the sales forecast trend of all analysts and the highest and lowest projections for the current and next fiscal year.

Actuals Estimates



	NA	NA
Mean	--	--
High	--	--
Low	--	--
Forecasted Growth	--	--
# of Analysts	--	--

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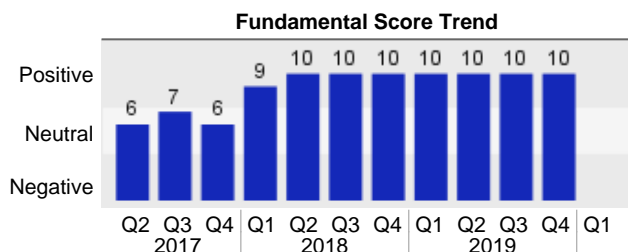
FUNDAMENTAL

POSITIVE OUTLOOK: Strong fundamentals such as high profit margins, low debt levels, or growing dividends.

FUND-AMENTAL
10

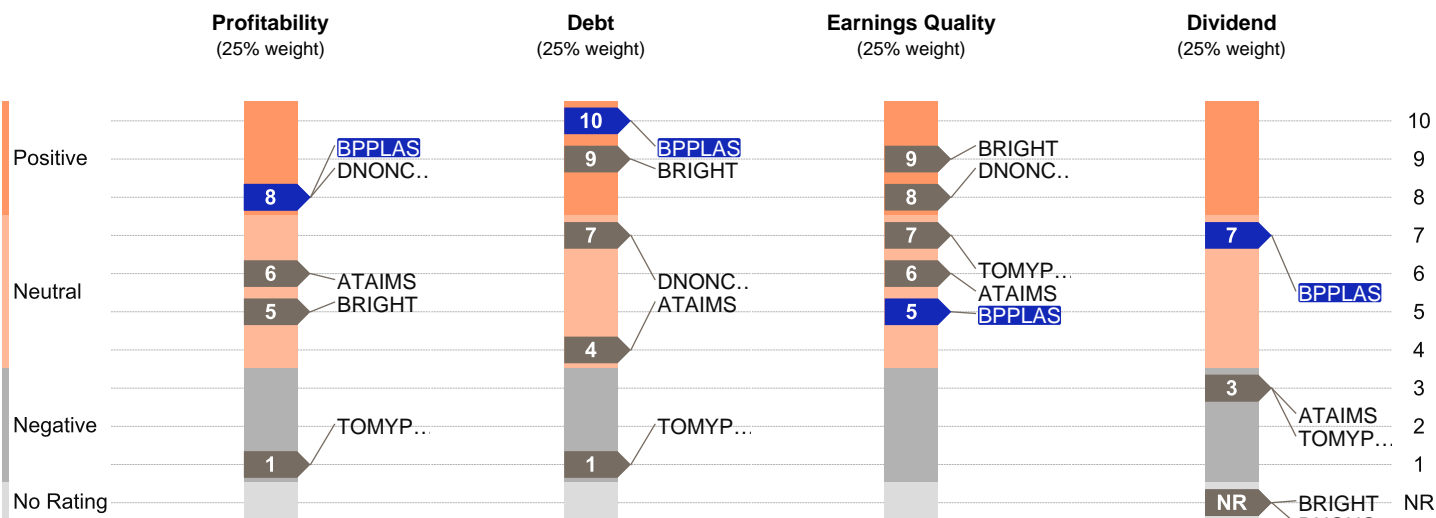
Fundamental Score Averages

Containers & Packaging Group: **6.4** Small Market Cap: **5.2**
Applied Resources Sector: **5.4** FBM KLCI Index: **6.0**



Peers	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Current	3Y Trend
BPPLAS	10	10	10	NR	10	
BRIGHT	9	8	10	NR	10	
DNONCE	2	10	10	NR	9	
ATAIMS	6	6	5	NR	4	
TOMYPAK	2	2	2	NR	1	

FUNDAMENTAL INDICATORS



Revenue Growth	-0.5%	Current Ratio	5.8	Oper. Cash Yield	31.4%	Dividend Growth	--
For year over year ending 03-2020		For interim period ending 03-2020		For latest 12 months ending 03-2020		For year over year ending --	
Gross Margin	13.8%	Debt-to-Capital	0.0%	Accruals	10.9%	Dividend Payout	49.1%
For latest 12 months ending 03-2020		For annual period ending 12-2019		For latest 12 months ending 12-2019		For latest 12 months ending 03-2020	
Return On Equity	12.3%	Interest Funding	--	Days Sales In Inv.	73.2	Dividend Coverage	3.0
For interim period ending 03-2020		For interim period ending --		For annual period ending 12-2019		For annual period ending 12-2019	
Net Margin	7.0%	Interest Coverage	--	Days Sales In Rec.	46.7	Current Div. Yield	5.4%
For latest 12 months ending 03-2020		For interim period ending --		For annual period ending 12-2019		For latest 12 months ending 05-2020	

HIGHLIGHTS

- BP Plastics Holding currently has a Fundamental Rating of 10, which is significantly more bullish than the Containers & Packaging industry group average of 6.4.
- The company's return on equity has been higher than its industry group average for each of the past five years.
- Of the 20 firms within the Containers & Packaging industry group that have reported debt-to-capital, BP Plastics Holding is among 10 firms whose balance sheet is free of long-term debt.
- The company's days sales in receivables has been lower than its industry group average for each of the past five years.
- Of the 22 firms within the Containers & Packaging industry group, BP Plastics Holding is among 13 companies that pay a dividend. The stock's dividend yield is currently 5.5%.

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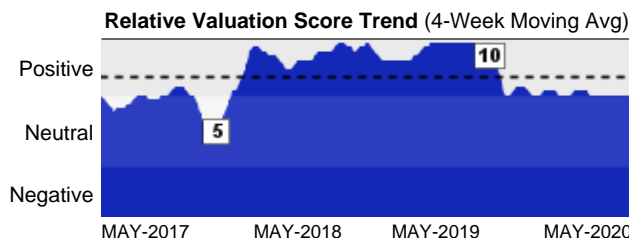
RELATIVE VALUATION

NEUTRAL OUTLOOK: Multiples relatively in-line with the market.



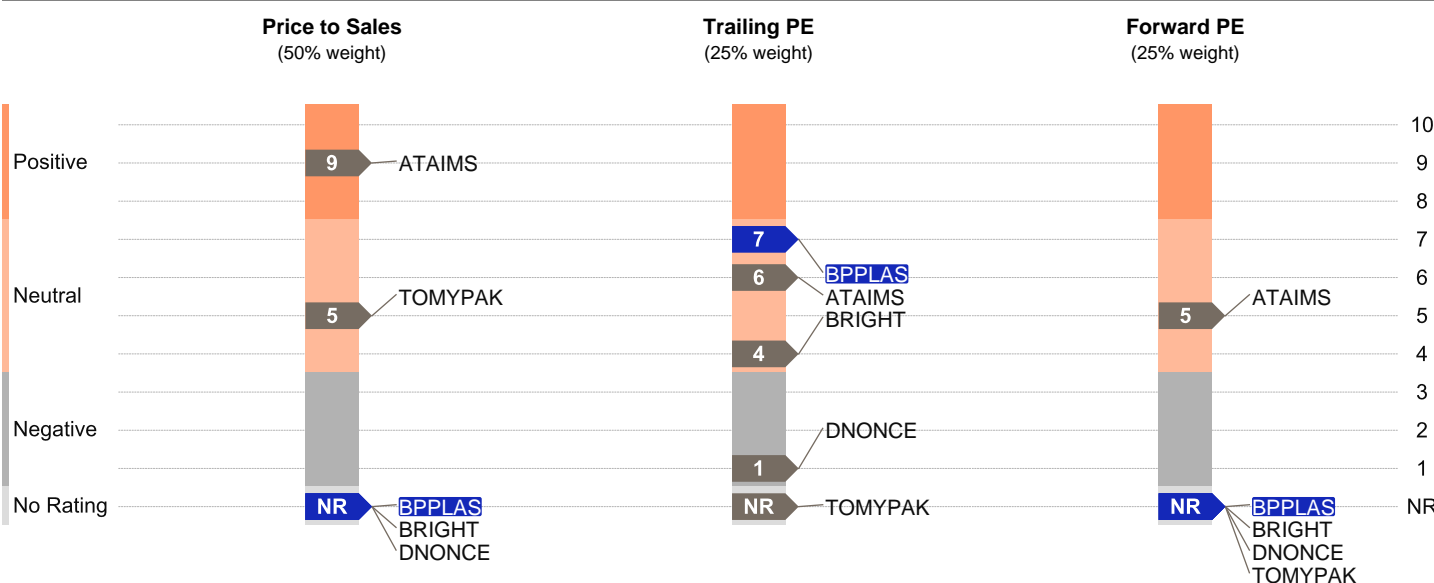
Relative Valuation Score Averages

Containers & Packaging Group:	5.6	Small Market Cap:	5.9
Applied Resources Sector:	5.8	FBM KLCI Index:	2.7



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
ATAIMS	8	9	7	9	9	
BPPLAS	8	7	7	7	6	
TOMYPAK	5	5	5	5	5	
BRIGHT	4	4	4	4	4	
DNONCE	3	2	2	2	2	

RELATIVE VALUATION INDICATORS



Price to Sales	--	Trailing PE	8.9	Forward PE	--
5-Yr Average	0.8	5-Yr Average	13.2	5-Yr Average	--
Rel. to 5-Yr Avg.	--	Rel. to 5-Yr Avg.	32% Discount	Rel. to 5-Yr Avg.	--
FBM KLCI Index	2.4	FBM KLCI Index	17.4	FBM KLCI Index	17.5
Rel. to FBM KLCI	--	Rel. to FBM KLCI	49% Discount	Rel. to FBM KLCI	--

HIGHLIGHTS

- BP Plastics Holding currently has a Relative Valuation Rating of 6 which is significantly above the FTSE BURSA MALAYSIA COMPOSITE index average rating of 2.9.
- BPPLAS's Trailing P/E of 8.9 represents a 32% Discount to its 5-year average of 13.2. If the Trailing P/E returned to historical form, the stock would trade at 1.61.

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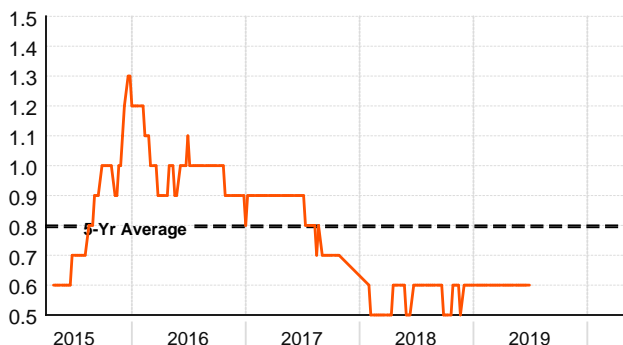
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Report Date: 20 May 2020

PRICE TO SALES

The most recent week's close price divided by the revenue per share.

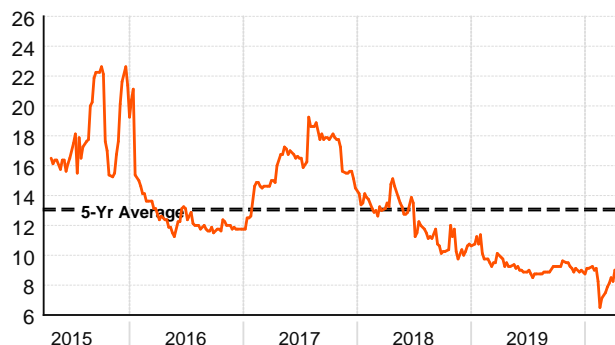
Price to Sales: --
 5-Year Average: 0.8
 FBM KLCI Index Average: 2.4
 Containers & Packaging Group Average: 1.0



TRAILING PE

The most recent week's close price divided by the sum of the four most recently reported quarterly earnings.

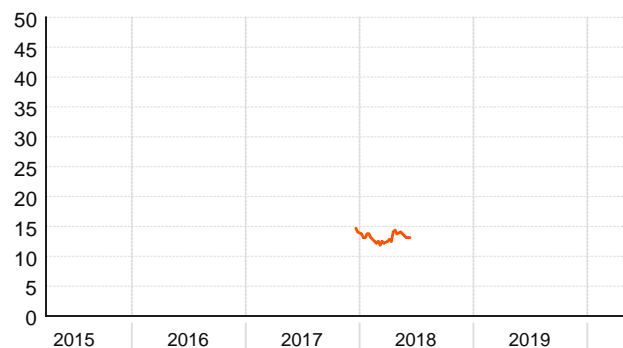
Trailing PE: 8.9
 5-Year Average: 13.2
 FBM KLCI Index Average: 17.4
 Containers & Packaging Group Average: 12.5



FORWARD PE

The most recent week's close price divided by the sum of the four upcoming quarterly consensus estimates.

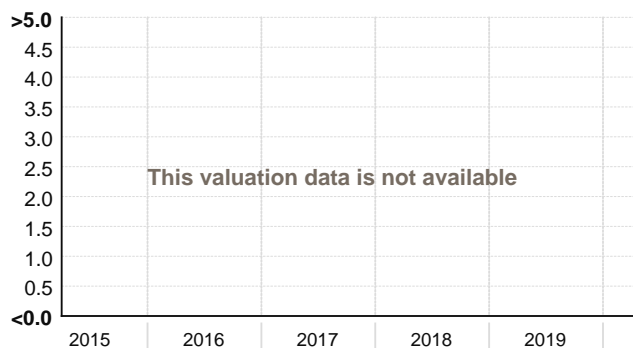
Forward PE: --
 5-Year Average: --
 FBM KLCI Index Average: 17.5
 Containers & Packaging Group Average: 15.2



FORWARD PEG

The Forward P/E divided by the five-year forecasted growth rate.

Forward PEG: --
 5-Year Average: --
 FBM KLCI Index Average: 2.3
 Containers & Packaging Group Average: --



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RISK

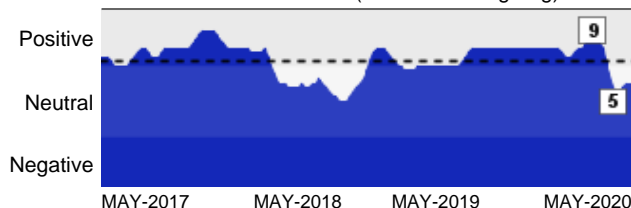
NEUTRAL OUTLOOK: Moderate risk (medium volatility).

RISK
6

Risk Score Averages

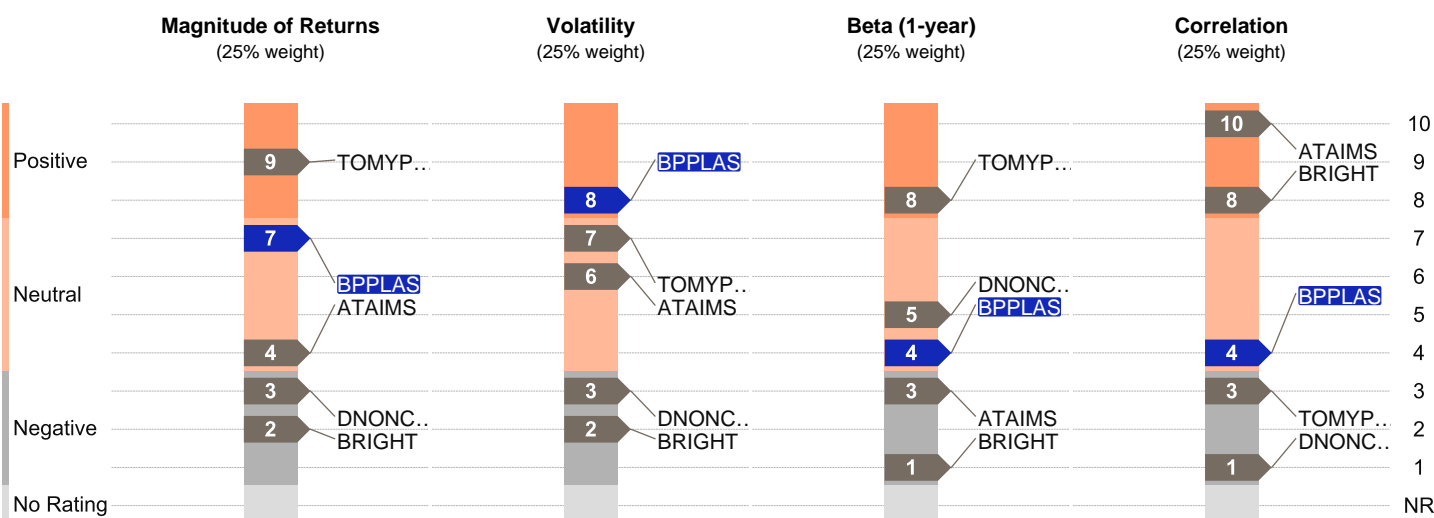
Containers & Packaging Group:	5.2	Small Market Cap:	4.9
Applied Resources Sector:	5.2	FBM KLCI Index:	8.9

Risk Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
TOMYPAK	7	8	8	8	8	
ATAIMS	6	8	6	6	6	
BPPLAS	8	8	6	6	6	
BRIGHT	4	1	2	2	2	
DNONCE	4	4	2	2	2	

RISK INDICATORS



Daily Returns (Last 90 Days)		Standard Deviation		Beta vs. FBM KLCI		Correlation vs. FBM KLCI	
Best	14.1%	Last 90 Days	4.11	Positive Days Only	1.57	Last 90 Days	61%
Worst	-11.9%	Last 60 Months	8.31	Negative Days Only	1.48	Last 60 Months	11%
Monthly Returns (Last 60 Months)		Intra-Day Swing (Last 90 Days)		Beta vs. Group		Correlation vs. Group	
Best	32.8%	Average	3.5%	Positive Days Only	0.68	Last 90 Days	72%
Worst	-18.6%	Largest	16.4%	Negative Days Only	0.95	Last 60 Months	53%

HIGHLIGHTS

- BP Plastics Holding currently has a Risk Rating of 6, which is significantly below the FTSE BURSA MALAYSIA COMPOSITE index average rating of 9.2.
- On days when the market is up, BPPLAS shares tends to outperform the FTSE BURSA MALAYSIA COMPOSITE index. However, on days when the market is down, the shares generally decrease by more than the index.
- In the short term, BPPLAS has shown high correlation (> 0.4) with the FTSE BURSA MALAYSIA COMPOSITE index. The stock has, however, shown low correlation (≥ -0.1 and < 0.2) with the market in the long term.
- Over the last 90 days, BPPLAS shares have been more volatile than the overall market, as the stock's daily price fluctuations have exceeded that of 93% of FTSE BURSA MALAYSIA COMPOSITE index firms.

RISK ANALYSIS

Peers	Last 90 Days				Last 60 Months		
	Best Daily Return	Worst Daily Return	# Days Up	# Days Down	Largest Intra-Day Swing	Best Monthly Return	Worst Monthly Return
BPPLAS	14.1%	-11.9%	28	28	16.4%	32.8%	-18.6%
ATAIMS	10.1%	-19.3%	23	29	19.4%	53.9%	-45.7%
BRIGHT	30.0%	-18.8%	23	28	38.5%	75.0%	-33.8%
DNONCE	15.9%	-23.1%	22	24	30.0%	47.1%	-46.1%
TOMYPAK	6.9%	-6.8%	20	27	26.3%	20.6%	-25.8%
FBM KLCI	6.9%	-5.3%	34	28	6.4%	5.5%	-8.9%

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PRICE MOMENTUM Currency in MYR

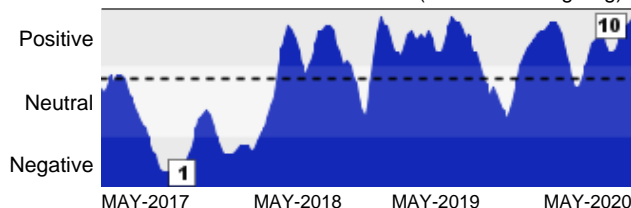
POSITIVE OUTLOOK: Strong recent price performance or entering historically favorable seasonal period.



Price Momentum Score Averages

Containers & Packaging Group:	6.9	Small Market Cap:	5.6
Applied Resources Sector:	5.3	FBM KLCI Index:	4.5

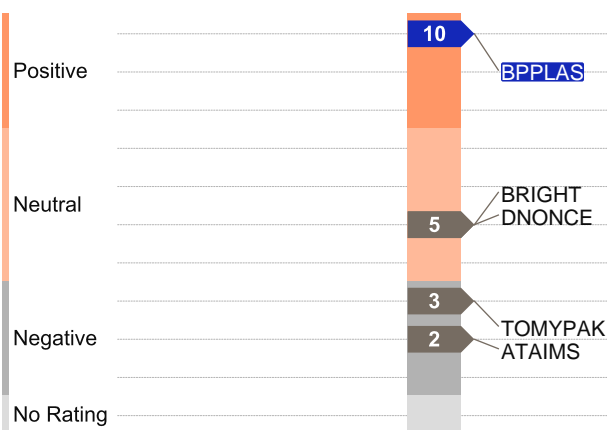
Price Momentum Score Trend (4-Week Moving Avg)



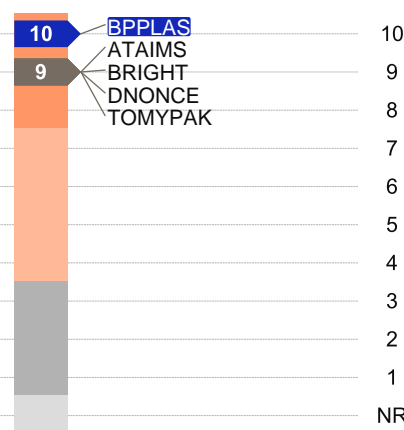
Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
BPPLAS	9	8	9	10	10	
BRIGHT	9	5	8	9	6	
DNONCE	7	3	6	5	6	
TOMYPAK	6	6	4	6	5	
ATAIMS	10	4	8	3	4	

PRICE MOMENTUM INDICATORS

Relative Strength
(70% weight)



Seasonality
(30% weight)



Relative Strength Indicator (Scale from 1 to 100)

	BPPLAS	Industry Avg
Last 1 Month	66	55
Last 3 Months	56	50
Last 6 Months	53	49

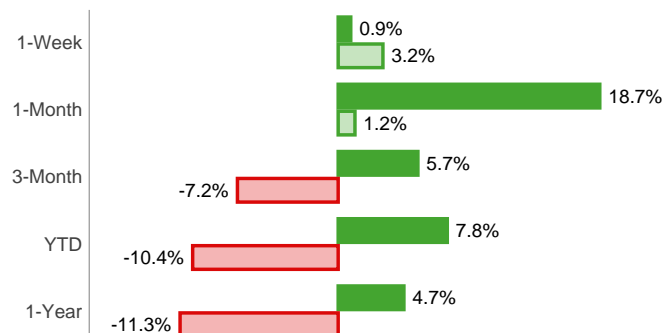
Average Monthly Return (Last 10 Years)

	MAY	JUN	JUL
Company Avg	1.9%	-1.6%	5.1%
Industry Avg	0.1%	2.0%	2.6%
Industry Rank	17 of 50	7 of 49	17 of 49

PRICE PERFORMANCE

Daily close prices are used to calculate the performance of the stock as compared to a relevant index over five time periods.

■ BPPLAS
■ FBM KLCI



	BPPLAS	FBM KLCI
Close Price (20/05/20)	1.11	1,424
52-Week High	1.15	1,691
52-Week Low	0.61	1,220

- The Price Momentum Rating for BP Plastics Holding is at its 3-year high of 10.
- On 20/05/20, BPPLAS closed at 1.11, 3.5% below its 52-week high and 82.0% above its 52-week low.
- BPPLAS shares are currently trading 21.8% above their 50-day moving average of 0.91, and 12.1% above their 200-day moving average of 0.99.

DETAILED STOCK REPORT TIPS

The Stock Report from Refinitiv is a comprehensive, company-specific analysis that includes a proprietary Stock Rating along with underlying component indicators and supportive data elements. The report is updated daily, although some of the data elements and the ratings are updated weekly.

Average Score

The Stock Reports Plus Average Score combines a quantitative analysis of five widely-used investment decision making tools - Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. First, a simple average of the five underlying component ratings is calculated. Then, a normal distribution is used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A score of 8 to 10 is considered positive, 4 to 7 is neutral, and 1 to 3 is negative. These five factors may be evaluated differently using alternative methodologies, and the importance of individual factors varies across industry groups, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.

A company must have sufficient data available for at least three of the five component indicators in order to receive an overall Average Score. Approximately 85% of the stocks within the coverage universe meet the criteria to generate a score.

Indicator Components

The five indicators that comprise the stock rating are displayed. Like the stock rating, the component rating scale is 1 to 10, with 10 being best. A company will receive an 'NR' for No Rating if the required data elements or criteria are not met. A detailed section for each component is included in the report.

Indicator Trends

Within each component section, historical score trends are displayed, typically using a 4-week moving average over a timeframe of the past three years. The dotted orange line indicates the average of the scores over those three years. The most recent occurrences of the best and worst scores are also displayed on the chart in grey boxes to put the current score into historical context.

Next to the trend chart for the company, current score averages are included, along with peer company comparisons of values from 6 months ago, 3 months ago, 1 month ago, the most recent value from 1 week ago, and the current score. The four closest industry peers are presented based on similar market capitalization.

Peer Analysis

The Refinitiv Business Classification (TRBC) schema is used for industry comparisons. It is designed to track and display the primary business of a corporation by grouping together correlated companies that offer products and services into similar end markets. The system includes 10 Economic Sectors, 28 Business Sectors, 54 Industry Groups, and 136 Industries.

The Peer Analysis section of the report compares the company to its ten closest peers. The peers are selected from the industry based on similar market capitalization. The peer listing may have fewer than ten companies if there are fewer than ten companies within that industry classification.

Highlights

The automated text-generation system from Refinitiv creates highlights summarizing the most noteworthy data. The bullets will vary by company and will change from week to week as different criteria are met.

Earnings

The Earnings Rating is based on a combination of three factors: earnings surprise, estimate revision, and recommendation changes. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the three earnings factors in order to receive a score.

Earnings Surprises - The number of positive and negative surprises within the last 4 periods (quarters or years).

Estimate Revisions - The number of up and down revisions and the average percentage change of those revisions within a 4 week period.

Recommendation Changes - The number of broker upgrades and downgrades in the last 120 days.

Price Target

The price target is based on the predictions of analysts covering the stock and shows the high, low and mean price expected within the next 12 months.

Earnings Per Share

The quarterly and annual earnings per share are presented when available, along with the mean, high and low. Quarterly data is displayed for the past 4 quarters (actual) and the next 2 quarters (estimated). Annual data is displayed for the past 2 years (actual) and the next 2 years (estimated).

Mean Estimate Trend

The mean estimates show how the consensus has changed over the past 30 days and 90 days for the upcoming two quarters (when available) and two years. The percentage change is calculated for the company as a means for comparison by measuring the difference between the current consensus estimate and that of 90 days ago.

Analyst Recommendations

The I/B/E/S Mean is the average recommendation of all analysts covering the stock, as provided by I/B/E/S, the Institutional Brokers Estimate System, from Refinitiv. The recommendations are presented on a five-point standardized scale: strong buy, buy, hold, reduce, and sell.

Earnings Surprises

The surprise summary includes the total number of time periods (and percentage) in the last 12 quarters (quarterly) or last 4 years (annual) in which earnings surprises were positive, negative, or in-line. In order to be recognized as a positive or negative surprise, the percent must be greater than 2% above or 2% below the consensus, respectively.

The surprise detail section includes a listing of the company's quarterly earnings reported for the most recent 6 periods (quarters or years). The consensus analyst estimate is provided to determine if the actual earnings report represented a positive surprise, negative surprise, or in-line result.

Fundamental

The Fundamental Rating is based on a combination of four fundamental component factors: profitability, debt, earnings quality, and dividend. Companies that do not pay a dividend are not penalized. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the four fundamental factors present in order to receive a score.

Profitability is comprised of four data elements.

- Revenue Growth: (Net Sales – Previous Net Sales) / Previous Net Sales
- Gross Margin: Gross Profit / Net Sales
- Return on Equity: Net Income / Total Equity
- Net Margin: Net Profit / Net Sales

Debt is comprised of four data elements.

- Current Ratio: Current Assets / Current Liabilities
- Debt-to-Capital: Total Debt / Total Capital
- Interest Funding: (Interest Expense on Debt + Preferred Cash Dividends) / Funds from Operations
- Interest Coverage: Earnings before Interest and Taxes / (Interest Expense on Debt + Preferred Cash Dividends)

Earnings Quality is comprised of four data elements.

- Operating Cash Yield: (Operating Cash Flow – Net Income) / Net Income
- Accruals: (Net Income – Operating Cash Flow – Investing Cash Flow) / Average Net Operating Assets
- Days Sales in Inventory: 365 / (Cost of Goods Sold / Inventory)
- Days Sales in Receivables: 365 / (Net Sales / Receivables)

Dividend is comprised of four data elements. The company must have a current dividend yield.

- Dividend Growth Rate: (Dividends per Share – Previous Dividends per Share) / Previous Dividends per Share
- Dividend Payout: Dividends per Share / Earnings per Share
- Dividend Coverage: Funds from Operations / Cash Dividends
- Dividend Yield: Annual Dividends per Share / Current Market Price per Share

Indicator Trend

The fundamental indicator trend displays either quarterly scores over the past three years or annual scores over the past six years, depending on the reporting periods for the country. The best and worst scores can be easily determined from the values shown on the chart for each quarter or year.

Relative Valuation

The Relative Valuation Rating is based on a combination of three component factors: Price to Sales (50% weight), Trailing P/E (25% weight), and Forward P/E (25% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. These common valuation metrics are evaluated against the overall market, the index, and the company's own historic 5-year averages. A stock needs to have at least one of the three relative valuation factors in order to receive a score.

Price to Sales: Close Price / (Sales for 4 Quarters or 1 Year / Shares Outstanding)

Trailing P/E: Close Price / Most Recent 4 Quarters or 1 Year of Earnings

Forward P/E: Close Price / Upcoming 4 Quarters or 1 Year of Earnings

Valuation Averages

Negative values are excluded when calculating the averages. A maximum value of 100 is placed on Trailing P/E and Forward P/E, a maximum value of 5 is placed on Forward PEG, and a maximum value of 20 is placed on Price to Sales when calculating the averages. Higher values are rounded down to the maximum for the averages.

Valuation Multiples

The valuation multiples provide the Trailing P/E, Forward P/E, Forward PEG, and Price to Sales for the company and the S&P 500 index average. In addition, a comparison of the current company's values to its 5-year average and an industry average are presented. A discount occurs when the company's ratio is valued more favorably (lower) than that to which it is compared.

Risk

The Risk Rating displays stocks on a scale of 1 to 10 with 10 being awarded to the least risky stocks. It is derived by looking at a series of long-term (5-year) and short-term (90-day) stock performance measures including volatility, magnitude of returns, beta, and correlation. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market. A stock needs to have at least two of the four risk factors in order to receive a score.

Magnitude of Returns – The best / worst daily returns in the past 90 days and the best / worst monthly returns in the past 60 months.

Volatility – The standard deviation of the stock price over the last 90 days and last 60 months, along with the average and largest intra-day stock swing.

Beta – Measures the tendency of a security's returns to respond to swings in the market, based on the beta of the company versus the relevant index.

Correlation – Determines how closely the returns of the stock and the relevant index move together, measured over the last 90 days and last 60 months.

Risk Analysis

Price analysis for the company and the relevant index is provided over two time periods. Daily analysis is provided for the last 90 days, whereas monthly statistics are used for the last 60 months.

Price Momentum

The Price Momentum Rating is based on a combination of two technical performance factors: relative strength (70% weight) and seasonality (30% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have data for the relative strength factor in order to receive a score.

Relative Strength – The relative strength of the company for the last 1 month, 3 months, and 6 months on a scale of 1 to 100.

Seasonality – The average monthly return (price performance) for the current month and next 2 months for the company and industry, over the past 10 years. A lower industry rank indicates a higher return.

Price Performance

Daily close prices are used to calculate the price performance of the stock. The performance of the relevant index is also displayed as a means of comparison.

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