## Supplemental Data of

## Business Results for 3Q FY ending Mar. 2017 ( Apr 1, 2016 to Dec 31, 2016 )

Materials Innovation
JSR
JSR Corporation With chemistry, we can.


FY ending(ended) March 31 JSR's accounting period (fiscal year) is defined as the period from April 1 to March 31 of the following year.
When noted "FY ending March 2017", this indicates the period from April 1, 2016 to March 31, 2017.
NB: The forecasts, future plans and strategies made in this document contain a variety of uncertain factors since it has been prepared based on judgments from information that is currently available. Actual business results may differ from those projected, depending on factors such as the economic status of the market surrounding the company.

## The 3rd Quarter's Results

- Both the sales and the profit of the 3rd quarter exceeded those of the previous quarter. That was attributed to weaker yen to dollar and recovery in the earnings of the Petrochemicals business, mainly the Elastomers business.


## The Cumulative 3rd Quarter's (April to October) Results

- Both the sales and the operating profit of the cumulative 3rd quarter decreased from the previous year due to the negative impact of the stronger yen compared to the previous year.
- Both the sales and the profit of the Petrochemicals business decreased from the previous year. Although there was increase in export sales volume of SSBR by full operation of our plant in Thailand, the negative impact of the delay in the recovery of the spread margin and the stronger yen exceeded it.
- In the Fine chemicals and other businesses, despite increase in sales volume of main products in the Semiconductor materials business and the Display materials business, both the sales and the profit decreased from the previous year. That was because of the negative impact of the stronger yen and the tough competition in the Display materials business.


## (Consolidated) Overall Income Statements

JSR Corporation
(Unit:¥mm)

|  | FY ended Mar. 2016 3Q (Apr - Dec) | FY ending Mar. 2017 3Q(Apr - Dec) | Year-on-year comparison |  |
| :---: | :---: | :---: | :---: | :---: |
| Net sales | 294,478 | 280,374 | $\triangle 14,105$ | 95\% |
| Cost of sales | 211,786 | 197,603 | $\triangle 14,183$ | 93\% |
| SGA | 53,226 | 61,777 | +8,551 | 116\% |
| Operating income | 29,466 | 20,995 | $\triangle 8,472$ | 71\% |
| Non operating income/expenses | $\triangle 1,578$ | 4,002 | +5,580 | - |
| Ordinary income | 27,888 | 24,997 | $\triangle 2,892$ | 90\% |
| Extraordinary income/losses | $\triangle 4,811$ | 3,199 | +8,011 | - |
| Net income before tax | 23,076 | 28,196 | +5,119 | 122\% |
| Corporate tax and others | 5,062 | 6,118 | +1,056 | 121\% |
| Loss attributable to non-controlling interests | $\triangle 1,759$ | $\triangle 300$ | +1,460 | 17\% |
| Profit attributable to owners of parent | 19,774 | 22,378 | +2,604 | 113\% |
| Comprehensive income | 12,657 | 19,497 | +6,840 | 154\% |
| EPS(Yen) | 86.78 | 99.85 | +13.07 | 115\% |
| Exchange rate ( Yen/US \$ ) | 121.70 | 106.62 | $\triangle 15.08$ | 88\% |
| Butadiene price ( US \$ /Ton ) | 935 | 1,192 | 257 | 127\% |
| MOPJ ( US \$/Ton ) | 490 | 417 | $\triangle 73$ | 85\% |
| Naphtha price ( Yen/kl) | 45,633 | 32,200 | $\triangle 13,433$ | 71\% |

[^0]
## (Consolidated) Segment Data (Petrochemical Products)

JSR Corporation
(Unit:¥mm)

(Reference) Production of automobile tires and tubes (Unit: Tons, Source: JATMA)


## (Consolidated) Segment Data (Fine Chemicals and Other Products)

(Unit:¥mm)

( Reference : Sales growth by product of Fine Chemicals and Other Products)

|  |  | Display Materials | FY ending March 2017 <br> Apr - Oct YoY |
| :---: | :---: | :---: | :---: |
| Semiconductor Materials | $\begin{gathered} \text { FY ending March } 2017 \\ \text { Apr - Oct YoY } \\ \hline \end{gathered}$ | Alignment Films | Slightly over 90\% |
| ArF Photoresists | Flat | Color Pigmented Resists | Slightly over 75\% |
| Multilayer Materials | Approx. 95\% | Other LCD Materials | Approx. 95\% |
| Other Lithography Materials | Slightly over 95\% | Others | FY ending March 2017 <br> Apr - Oct YoY |
| CMP Materials | Slightly under 105\% | OFC | Slight increase |
| Packaging Materials | Slightly over 80\% | ARTON | Approx. 90\% |
|  |  | Life Sciences | Approx. 155\% |

## (Consolidated) Segment Data (Quarterly Trends)

JSR Corporation

|  |  | $\begin{gathered} \hline \text { FY ended } \\ \text { Mar. } 2016 \\ \text { Oct-Dec. } 2015 \end{gathered}$ | $\begin{gathered} \text { FY ended } \\ \text { Mar. } 2016 \\ \text { Jan-Mar. } 2016 \\ \hline \end{gathered}$ | FY ending <br> Mar. 2017 <br> Apr-Jun. 2016 | $\begin{gathered} \text { FY ending } \\ \text { Mar. } 2017 \\ \text { Jul-Sep. } 2016 \\ \hline \end{gathered}$ | $\begin{gathered} \text { FY ending } \\ \text { Mar. } 2017 \\ \text { Oct-Dec. } 2016 \end{gathered}$ | Quartercomp |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reference: Sales volume of Elastomers (Tons) (non-consolidated \& JSR BST Elastomer) |  | 165,901 | 162,084 | 155,451 | 171,845 | 189,258 | +17,413 | 110\% |
| Net sales | Elastomers <br> Plastics <br> Fine Chemicals and Others | $\begin{aligned} & 44,960 \\ & 13,671 \\ & 40,713 \end{aligned}$ | $\begin{aligned} & 44,004 \\ & 11,596 \\ & 36,628 \end{aligned}$ | $\begin{aligned} & 40,528 \\ & 11,251 \\ & 37,007 \end{aligned}$ | $\begin{aligned} & 42,754 \\ & 10,859 \\ & 39,467 \end{aligned}$ | $\begin{aligned} & 48,008 \\ & 11,328 \\ & 39,172 \end{aligned}$ | $\begin{array}{r} +5,254 \\ +469 \\ \triangle 294 \end{array}$ | $\begin{array}{r} 112 \% \\ 104 \% \\ 99 \% \end{array}$ |
|  | Total | 99,345 | 92,230 | 88,786 | 93,080 | 98,509 | +5,429 | 106\% |
| Operating income | Elastomers <br> Plastics <br> Fine Chemicals and Others | $\begin{aligned} & 2,930 \\ & 1,249 \\ & 6,167 \end{aligned}$ | $\begin{array}{r} 657 \\ 1,087 \\ 3,196 \end{array}$ | $\begin{array}{r} 903 \\ 451 \\ 4,283 \\ \hline \end{array}$ | $\begin{array}{r} 862 \\ 962 \\ 4,837 \end{array}$ | $\begin{aligned} & 2,974 \\ & 1,310 \\ & 4,414 \end{aligned}$ | $\begin{array}{r} +2,112 \\ +348 \\ \triangle 423 \end{array}$ | $\begin{array}{r} 345 \% \\ 136 \% \\ 91 \% \end{array}$ |
|  | Total | 10,347 | 4,941 | 5,637 | 6,661 | 8,697 | +2,036 | 131\% |
| Exchange rate (Yen/US \$ ) <br> Butadiene price (US \$/Ton) <br> MOPJ (\$/Ton) <br> Naphtha price (yen/kl) |  | $\begin{array}{r} 121.50 \\ 721 \\ 445 \\ 40,900 \\ \hline \end{array}$ | $\begin{array}{r} 115.48 \\ 891 \\ 344 \\ 34,300 \end{array}$ | $\begin{array}{r} 108.14 \\ 998 \\ 411 \\ 31,600 \end{array}$ | $\begin{array}{r} 102.43 \\ 1,073 \\ 389 \\ 31,300 \\ \hline \end{array}$ | 109.30 <br> 1,572 <br> 450 <br> 33,700 |  |  |

*Butadiene price: Platts S.E Asia(MEAN)
( Reference: Sales breakdown of Fine Chemicals and Other Products)

|  | FY ended Mar. 2016 Oct-Dec. 2015 | FY ended Mar. 2016 Jan-Mar. 2016 | FY ending Mar. 2017 Apr-Jun. 2016 | FY ending Mar. 2017 Jul-Sep. 2016 | FY ending <br> Mar. 2017 <br> Oct-Dec. 2016 | Quarter-on-quarter comparison |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Semiconductor Materials | 16.2 | 14.5 | 14.7 | 15.5 | 15.7 | 0.1 | 101\% |
| Display Materials | 14.9 | 13.5 | 14.0 | 14.4 | 14.3 | $\triangle 0.1$ | 99\% |
| Others | 9.7 | 8.6 | 8.4 | 9.5 | 9.2 | $\triangle 0.3$ | 97\% |

Non operating income/expenses

|  | FY ended Mar. 2016 <br> 3Q (Apr - Dec) | FY ending Mar. 2017 <br> 3Q (Apr - Dec) | Year-on-year <br> comparison |
| :---: | ---: | ---: | ---: |
| Interest and dividends income | 925 | 899 | $\Delta 26$ |
| Foreign exchange gains | 0 | 1,583 | $+1,583$ |
| Gain on investments in partnership | 0 | 1,181 | $+1,181$ |
| Others | 1,999 | 2,063 | +64 |
| Total non operating income | 2,925 | 5,727 | $+2,802$ |
| Interest expenses | 386 | 441 | +55 |
| Foreign exchange losses | 2,664 | 0 | $\Delta 2,664$ |
| Others | 1,453 | 1,285 | $\Delta 169$ |
| Total non operating expenses | 4,503 | 1,725 | $\Delta 2,778$ |
| Non operating income/expenses | $\Delta 1,578$ | 4,002 | $+5,580$ |

Extraordinary income/losses

|  | FY ended Mar. 2016 <br> 3Q (Apr - Dec) | FY ending Mar. 2017 <br> 3Q (Apr - Dec) | Year-on-year <br> comparison |
| :---: | ---: | ---: | ---: |
| Gain on step acquisitions | 1,757 | 0 | $\Delta 1,757$ |
| Gain on sales of investment securities | 0 | 1,811 | $+1,811$ |
| Gain on transfer of business | 0 | 758 | +758 |
| Others | 0 | 630 | +630 |
| Total extraordinary income | 1,757 | 3,199 | $+1,441$ |
| Impairment loss | 5,975 | 0 | $\Delta 5,975$ |
| Others | 593 | 0 | $\Delta 593$ |
| Total extraordinary losses | 6,569 | 0 | $\Delta 6,569$ |
| Extraordinary income/losses | $\Delta 4,811$ | 3,199 | $+8,011$ |

## (Consolidated) Balance Sheets



Capital-to-Asset ratio 2016/12E : 62.1\% 2016/3E : 68.4\%

## Reference Data Projections for FY ending March 2017 <unchanged>

(Unit:¥bn)

|  | FY ended Mar. 2016 |  |  | FY ending Mar. 2017 |  |  | Increase/decrease |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1st half | 2nd half | Full year | 1st half | 2nd half | Full year | 1st half | 2nd half | Full year |
| Netsales | 195.1 | 191.6 | 386.7 | 181.9 | 185.1 | 367.0 | $\triangle 13.3$ | $\Delta 6.4$ | $\triangle 19.7$ |
| Operating income | 19.1 | 15.3 | 34.4 | 12.3 | 13.7 | 26.0 | $\triangle 6.8$ | $\triangle 1.6$ | $\triangle 8.4$ |
| Ordinary income | 16.8 | 16.8 | 33.6 | 13.8 | 14.2 | 28.0 | $\triangle 3.0$ | $\triangle 2.6$ | $\triangle 5.6$ |
| Profit attributable to owners of parent | 12.5 | 11.6 | 24.1 | 10.9 | 10.1 | 21.0 | $\triangle 1.6$ | $\triangle 1.5$ | $\triangle 3.1$ |
| Depreciation | 8.9 | 9.6 | 18.5 | 6.7 | 7.3 | 14.0 | $\triangle 2.2$ | $\triangle 2.4$ | $\triangle 4.5$ |
| Capital expenditures | 13.1 | 11.2 | 24.3 | 16.5 | 25.0 | 41.5 | +3.4 | +13.8 | +17.2 |
| R\&D expenses | 10.4 | 11.1 | 21.5 | 9.7 | 10.8 | 20.5 | $\triangle 0.7$ | $\Delta 0.3$ | $\triangle 1.0$ |
| Exchange rate (yen/US \$ | 121.80 | 118.49 | 120.14 | 105.29 | 100.00 | 102.65 |  |  |  |
| Naphtha price (yen/kl) | 48,000 | 37,600 | 42,800 | 31,300 | 34,000 | 32,650 |  |  |  |

(Reference: Sales by segment)
(Unit:¥bn)

|  | FY ended Mar.2016 |  |  | FY ending Mar.2017 |  |  | Increase/decrease |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 1st half | 2nd half | Full year | 1st half | 2nd half | Full year | 1st half | 2nd half | Full year |
| Elastomers | 90.3 | 89.0 | 179.3 | 83.3 | 86.7 | 170.0 | $\Delta 7.0$ | $\Delta 2.2$ | $\Delta 9.3$ |
| Plastics | 26.9 | 25.3 | 52.2 | 22.1 | 24.9 | 47.0 | $\Delta 4.8$ | $\Delta 0.4$ | $\Delta 5.2$ |
| Fine Chemicals and Others | 77.9 | 77.3 | 155.2 | 76.5 | 73.5 | 150.0 | $\Delta 1.4$ | $\Delta 3.8$ | $\Delta 5.2$ |
| Total | 195.1 | 191.6 | 386.7 | 181.9 | 185.1 | 367.0 | $\Delta 13.3$ | $\Delta 6.4$ | $\Delta 19.7$ |

## Announcement of Earnings Results


*Please note that the above is subject to change.


[^0]:    *Butadiene Price : Platts S.E Asia(MEAN)

