# Financial Report The 1st Half of FY2016 (From Apr. 1 to Sep. 30, 2016) 

# ZEON <br> <br> ZEON CORPORATION 

 <br> <br> ZEON CORPORATION}

Oct 31, 2016

|  | $\begin{gathered} \text { FY2016 } \\ \text { Q2 } \end{gathered}$ | $\begin{gathered} \text { FY2015 } \\ \text { Q2 } \end{gathered}$ | Increase / Decrease |  | Remarks <br> (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Percentage |  |
| Net sales | 1,402 | 1,524 | -122 | -8 \% | Comparative analysis of net sales |
| Elastomer Business | 816 | 931 | -116 | -12 \% | Quantity variance +36 |
| Specialty Materials Business | 365 | 360 | 4 | 1 \% | Price variance -110 |
| Others | 232 | 243 | -11 | -4 \% | Exchange rate variance -48 |
| Eliminations | -10 | -11 | 0 |  |  |
| Operating income | 132 | 165 | -33 | -20 \% | Comparative analysis of operating income |
| (Operating income ratio) (\%) | 9.4\% | 10.8\% | -1.4 | pt | Quantity variance +17 Raw materials price variance +108 |
| Elastomer Business | 83 | 108 | -25 | -23 \% | Price variance - 110 SG \& A etc. 0 |
| Specialty Materials Business | 47 | 53 | -6 | -11 \% | Exchange rate variance -48 |
| Others | 2 | 5 | -2 | -55 \% |  |
| Non-operating income \& expenses | -11 | 6 | -18 | -274 \% |  |
| Ordinary income | 121 | 172 | -51 | -29 \% |  |
| Profit or loss on extraordinary item | -11 | -5 | -6 | - \% |  |
| Income before income taxes | 110 | 167 | -57 | -34 \% |  |
| Net income | 81 | 109 | -29 | -26 \% |  |
| Exchange rate (JPY/\$) | 107.7 | 121.8 | -14.1 | -12 \% |  |
| Exchange rate (JPY\|€) | 120.4 | 134.5 | -14.1 | -10\% |  |
| Naphtha price (JPY/kl) | 31,300 | 48,000 | -16,700 | -35 \% |  |
| Asian Butadiene price (USD/t) | 1,077 | 1,090 | -13 | -1 \% |  |

## Elastomer Business

|  | $\begin{gathered} \text { FY2016 } \\ \text { Q2 } \end{gathered}$ | $\begin{gathered} \text { FY2015 } \\ \text { Q2 } \end{gathered}$ | Increase / Decrease |  | Remarks <br> (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Percentage |  |
| Sales volume (thousand tons) | 270 | 288 | -17 | -6 \% |  |
| Rubbers | 152 | 162 | -10 | -6\% |  |
| Latices | 57 | 64 | -7 | -10\% |  |
| Chemicals | 61 | 62 | -1 | -2 \% |  |
| Net sales | 816 | 931 | -116 | -12 \% |  |
| Rubbers | 550 | 627 | -77 | -12 \% |  |
| Latices | 86 | 95 | -9 | -10\% |  |
| Chemicals | 164 | 198 | -34 | -17\% |  |
| Eliminations | 16 | 11 | 5 | 42 \% |  |
| Operating income | 83 | 108 | -25 | -23 \% |  |
| (Operating income ratio) (\%) | 10.2\% | 11.6\% | -1.4 |  |  |

-Breakdown of year-on-year decrease of 6\% for rubbers sales volume

| General-purpose rubbers | $-4 \%$ | Domestic sales -10\%, Export sales $+1 \%$ |
| :--- | :--- | :--- |
| Specialty rubbers | $-9 \%$ | Domestic sales 0\%, Export sales $-13 \%$ |

Specialty rubbers component ratio
Sales volume
31\%
(FY2015/Q1: 32\%)
Sales amount
57\%
(FY2015/Q1: 58\%)

## Specialty Materials Business

|  | $\begin{gathered} \text { FY2016 } \\ \text { Q2 } \end{gathered}$ | $\begin{gathered} \text { FY2015 } \\ \text { Q2 } \end{gathered}$ | Increase／Decrease |  | Remarks <br> （JPY100m） |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Percentage |  |
| Net sales | 365 | 360 | 4 | $1 \%$ |  |
| Specialty Chemicals | 99 | 92 | 7 | 8 \％ |  |
| Specialty Plastics | 241 | 246 | －5 | －2 \％ |  |
| Medical Devices etc． | 24 | 23 | 1 | 6 \％ |  |
| Operating income | 47 | 53 | －6 | $-11 \%$ |  |
| （Operating income ratio）（\％） | 12．9\％ | 14．6\％ | －1．8 |  |  |

－Breakdown of year－on－year increase of $+8 \%$ for specialty chemicals sales amount
Specialty Chemicals $+9 \%$ ，Electronic Materials $-1 \%$ ，Battery Materials $+46 \%$ ，Toner $-19 \%$
－Breakdown of year－on－year decrease of－2\％for specialty plastics sales amount
Cyclo－Olefin Polymer resins－6\％，Optical Films 0\％
－Sales volume growth rate for optical films＋15\％
－Proportion of the optical film sales for small－to－medium sized FPD to total optical film sales
【FY2015／Q2】31\％$\rightarrow$ 【FY2016Q2】19\％

## Others

|  | $\begin{gathered} \text { FY2016 } \\ \text { Q2 } \end{gathered}$ | $\begin{gathered} \text { FY2015 } \\ \text { Q2 } \end{gathered}$ | Increase / Decrease |  | Remarks <br> (JPY100m) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Percentage |  |
| Net sales | 232 | 243 | -11 | -4\% |  |
| Operating income | 13 | 11 | 2 | 22 \% |  |
| (Operating income ratio) (\%) | 5.8\% | 4.5\% | 1.3 | pt |  |



## Capital Expenditures, Depreciation \& Amortization and R \& D Expenses

 (Quarterly trends)(Unit : JPY100m)

|  | FY2015 |  |  |  | FY2016 |  | Increase D DecreaseFYY016 Q2vsFY2015 02 |  | FY2016 | Increase / Decrease FY2015 vs. FY2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Amount | percentage | forecast | Amount | percentage |
| Capital expenditures | 59 | 72 | 86 | 60 | 86 | 41 |  |  |  |  |  |
| Elastomer Business | 39 | 28 | 58 | 32 | 44 | 20 |  |  |  |  |  |
| Specialty Materials Business | 16 | 25 | 17 | 17 | 37 | 13 |  |  |  |  |  |
| Others and Eliminations | 4 | 18 | 12 | 11 | 5 | 8 |  |  |  |  |  |
| Cumulative capital expenditures | 59 | 131 | 217 | 276 | 86 | 127 | -4 | -3 \% | 291 | 15 | 5\% |
| Elastomer Business | 39 | 67 | 125 | 157 | 44 | 64 | -3 | -4 \% |  |  |  |
| Specialty Materials Business | 16 | 42 | 58 | 75 | 37 | 50 | 8 | 20 \% |  |  |  |
| Others and Eliminations | 4 | 22 | 34 | 45 | 5 | 13 | -10 | -43 \% |  |  |  |
| Depreciation \& amortization | 50 | 51 | 54 | 55 | 45 | 49 |  |  |  |  |  |
| Elastomer Business | 23 | 23 | 25 | 25 | 22 | 24 |  |  |  |  |  |
| Specialty Materials Business | 21 | 21 | 22 | 22 | 17 | 18 |  |  |  |  |  |
| Others and Eliminations | 6 | 6 | 7 | 7 | 6 | 7 |  |  |  |  |  |
| Cumulative depreciation \& amortization | 50 | 101 | 154 | 209 | 45 | 94 | -7 | -7 \% | 244 | 35 | 17\% |
| Elastomer Business | 23 | 46 | 72 | 97 | 22 | 46 | -1 | -1 \% |  |  |  |
| Specialty Materials Business | 21 | 42 | 64 | 86 | 17 | 35 | -7 | -16 \% |  |  |  |
| Others and Eliminations | 6 | 12 | 19 | 26 | 6 | 12 | 0 | 1 \% |  |  |  |
| R\&D expenses | 33 | 35 | 35 | 39 | 31 | 33 |  |  |  |  |  |
| Cumulative R\&D expenses | 33 | 68 | 103 | 141 | 31 | 64 | -3 | -5 \% | 139 | -3 | -2\% |

## Comparative Balance Sheets (Consolidated)

## ZEON

| Liabilities and Net assets |  |  |  | Liabilities and Net assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { As of Sep. 30, } \\ & 2016 \end{aligned}$ | $\begin{gathered} \text { As of Mar. } 31, \\ 2016 \end{gathered}$ | Increase I Decrease |  | $\begin{gathered} \text { As of Sep. 30, } \\ 2016 \end{gathered}$ | $\begin{aligned} & \text { As of Mar. } 31 \text {, } \\ & 2016 \end{aligned}$ | Increase I Decrease |
| Current assets | 1,616 | 1,729 | -113 | Current liabilities | 1,062 | 1,144 | -82 |
| Cash and bank deposits | 87 | 80 | 7 | Notes and accounts payable-trade | 531 | 536 | -5 |
| Notes and accounts receivabletrade | 648 | 660 | -12 | Short-term interest-bearing debt | 227 | 278 | -50 |
| Accounts receivable-other | 228 | 266 | -38 | Other current liabilities | 305 | 331 | -26 |
| Inventories | 554 | 637 | -83 | Long-term liabilities | 489 | 547 | -58 |
| Other current assets | 99 | 86 | 13 | Long-term interest-bearing debt | 263 | 293 | -31 |
| Fixed assets | 2,070 | 2,118 | -48 | Other long-term liabilities | 227 | 254 | -27 |
| Property, Plant and Equipment | 1,364 | 1,385 | -22 | Total net assets | 2,134 | 2,156 | -22 |
| Intangible assets | 37 | 42 | -5 | Equity capital | 2,085 | 2,108 | -23 |
| Investment securities | 584 | 608 | -25 | Other net assets | 49 | 48 | 1 |
| Other fixed assets | 87 | 83 | 3 |  |  |  |  |
| Total assets | 3,686 | 3,848 | -162 | Total liabilities and net assets | 3,686 | 3,848 | -162 |
| Capital expenditures | 127 |  |  | Total interest-bearing debt | 490 | 571 | -81 |
| Depreciation \& amortization | -94 |  |  | Equity ratio | 56.6 | 54.8 | 1.8 |
| Other factors | -60 |  |  | D/E Ratio | 0.23 | 0.27 | -0.04 |
| Fixed assets | -27 |  |  |  |  |  |  |


| Cash flows |  |  |
| :--- | ---: | ---: |
| Cash flows from operating activities | Q2 | FY2015 |
| Cash flows from investing activities | 227 | 250 |
| Free cash flows | -128 | -166 |
| Cash flows from financing activities | 99 | 84 |
| Net increase (decresase) in cash and equivalents | -86 | 14 |
|  | 13 | 98 |

## Forecast of Operating Performance for FY2016

|  | FY2016 | FY2015 | Increase / Decrease |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | Percentage |
| Net sales | 2,800 | 2,956 | -156 | -5 \% |
| Elastomer Business | 1,676 | 1,789 | -113 | -6 \% |
| Specialty Materials Business | 690 | 710 | -20 | -3 \% |
| Others | 453 | 479 | -26 | -6 \% |
| Eliminations | -19 | -22 | 3 |  |
| Operating income | 280 | 299 | -19 | -6 \% |
| (Operating income ratio) (\%) | 10.0\% | 10.1\% | -0.1 | pt |
| Elastomer Business | 204 | 207 | -3 | -2 \% |
| Specialty Materials Business | 77 | 82 | -5 | -6 \% |
| Others | -1 | 9 | -10 | -111 \% |
| Non-operating income \& expenses |  | 23 | -23 |  |
| Ordinary income | 280 | 322 | -42 | -13\% |
| Net income | 190 | 181 | 9 | 5 \% |
|  |  |  |  |  |
| Exchange rate (JPY/\$) | 105.0 | 120.6 | -15.6 | -13\% |
| Exchange rate (JPY/€) | 120.0 | 132.5 | -12.5 | -9 \% |
| Naphtha price (JPY/kl) | 35,000 | 42,800 | -7,800 | -18\% |
| Asian Butadiene price (USD/t) | 950 | 961 | -11 | -1 \% |

The company is predicting no changes in the forecast disclosed as of Apr 28, 2016.
Any forward-looking statements in this document are based upon information available to the company on the date of this release. These forwardlooking statements are and will be, as the case may be, subject to many risks, uncertainties and factors relating to the company's operations and business environment which may cause the company's actual results to be materially different from any future results, expressed or implied, in these forward-looking statements.

