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## 4Q15 Quarterly Earnings

## January 25, 2016

## member of

Dow Jones
Sustainability Indices

## 4Q15 and FY15 Earnings

[Unit : bn KRW]

| Category | 4Q15 | 3Q15 | QoQ | FY15 | FY14 | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | 1,861.8 | 1,997.7 | -6.8\% | 7,569.3 | 5,474.2 | +38.3\% |
| LIB | 848.4 | 886.8 | -4.3\% | 3,310.2 | 3,323.3 | -0.4\% |
| Electronic Materials | 409.1 | 433.3 | -5.6\% | 1,642.2 | 801.9 | +104.8\% |
| Chemicals | 603.8 | 677.0 | -10.8\% | 2,614.5 | 1,349.0 | +93.8\% |
| Operating Profit (\%) | $\begin{array}{r} -80.8 \\ (-4.3 \%) \end{array}$ | $\begin{array}{r} 17.9 \\ (0.9 \%) \end{array}$ | Turned Red | $\begin{array}{r} -59.8 \\ (-0.8 \%) \end{array}$ | $\begin{array}{r} 70.8 \\ (1.3 \%) \end{array}$ | Turned Red |
| Pre-Tax Profit (\%) | $\begin{array}{r} -317.0 \\ (-17.0 \%) \end{array}$ | $\begin{array}{r} 675.9 \\ (33.8 \%) \end{array}$ | Turned Red | $\begin{array}{r} 39.1 \\ (0.5 \%) \end{array}$ | $\begin{array}{r} 199.4 \\ (3.6 \%) \end{array}$ | -80.4\% |
| Profit from Discontinued Operations | 0.0 | 0.0 | - | 0.0 | -232.3 | - |
| Net Profit <br> (\%) | $\begin{array}{r} -231.4 \\ (-12.4 \%) \end{array}$ | $\begin{array}{r} 502.5 \\ (25.2 \%) \end{array}$ | Turned Red | $\begin{array}{r} 25.7 \\ (0.3 \%) \end{array}$ | $\begin{array}{r} -80.3 \\ (-1.5 \%) \end{array}$ | Turned Black |

※ Chemicals \& Electronic Materials reflected from 3Q14 post merger with Cheil Industries Inc. (July 1, 2014)
※ PDP and Solar division reflected in discontinued operations
[Unit : bn KRW]

| Category | FY15 |  | 3Q15 | QoQ | FY14 | YoY |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Assets | $\mathbf{1 6 , 2 2 5 . 3}$ | $16,522.9$ | -297.6 | $15,968.5$ | +256.8 |  |
| Current | $\mathbf{4 , 7 7 3 . 9}$ | $4,014.6$ | +759.3 | $3,535.5$ | $+1,238.4$ |  |
| Non-current | $\mathbf{1 1 , 4 5 1 . 4}$ | $12,508.3$ | $-1,056.9$ | $12,433.0$ | -981.6 |  |
| Liabilities | $\mathbf{4 , 9 7 2 . 1}$ | $4,906.5$ | +65.6 | $4,141.6$ | +830.5 |  |
| Current | $\mathbf{3 , 2 0 1 . 3}$ | $3,049.5$ | +151.8 | $2,254.2$ | +947.1 |  |
| Non-current | $\mathbf{1 , 7 7 0 . 8}$ | $1,857.0$ | -86.2 | $1,887.4$ | -116.6 |  |
| Shareholders Equity | $\mathbf{1 1 , 2 5 3 . 2}$ | $11,616.4$ | -363.2 | $11,826.9$ | -573.7 |  |
| Paid-in Capital | $\mathbf{3 5 6 . 7}$ | 356.7 |  | 356.7 |  |  |
| Cash \& cash equiv. | $\mathbf{1 , 8 3 1 . 8}$ | $1,760.0$ | +71.8 | $1,654.4$ | +177.4 |  |
| Debt | $\mathbf{1 , 7 4 9 . 6}$ | $2,012.1$ | -262.5 | $1,777.8$ | -28.2 |  |

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## Analysis \& Outlook

## 4Q15 Analysis \& FY16 Outlook

## Small-sized LIB

## Large-sized LIB

## [ 4Q15 Analysis ]

$\square$ Revenue slide on seasonality

- Earnings down on IT seasonality \& slow sales in both prismatic and polymer
- Solid IT \& EV cylindrical sales in China


## [ FY16 Outlook ]

$\square$ Cylindrical in EV • P/Tool drive growth

- Small LIB market est. \$18bn(") (+6\% YoY)
$\rightarrow$ Cylindrical grow on EV • P/Tool, Polymer slow expansion raise competition
- Greater EV • P/Tool penetration and better technology/cost cut in IT to lift earnings to normalize


## [ 4Q15 Analysis ]

$\square$ Solid revenue growth \& orders in China

- Revenue expansion in China with new line production and expanding module \& pack biz improve revenue structure
- Long-term biz platform strengthen with new Chinese customers
[ FY16 Outlook ]
$\square$ Strong xEV • ESS growth intact
- xEV battery market est. \$8.6bn ${ }^{*}$ ) (+41\% YoY) $\rightarrow$ China \& PHEV/EV
- Improve profitability through cost cut, efficient investments and diversify customers to lower long-term risks
- ESS, driven by utility, est. \$600mnn ${ }^{\left({ }^{(+)}\right)+30 \% \text { YoY) }}$
* Source : AT Kearney forecast
** Source : SDI Marketing forecast (pack level)


## 4Q15 Analysis \& FY16 Outlook

## Electronic Materials

[ 4Q15 Analysis ]
$\square$ Revenue drop tad on seasonality

- Steady margin in semi-materials as core product sales expanded
- Slow revenue \& profit in display materials due to soft set demand


## [ FY16 Outlook ]

$\square$ To maintain margin thru new projects \& cost reduction despite limited IT growth

- Semi-materials to show sturdy growth as benefit from process migration
- Display materials to improve with product differentiation \& new overseas facility
- PV Paste to increase sales to Tier-1 \& enter new markets to expand M/S


## Chemicals

## [ 4Q15 Analysis ]

$\square$ Revenue fall on slow demand \& price cut

- Revenue \& profit down as ABS demand reduced \& spread narrowed
- Strong polycarbonate sales led by TV \& mobile pre-order demand from major customers



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## Appendix

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[Unit : bn KRW]

| Category | 4Q14 | FY14 | 1Q15 | 2Q15 | 3Q15 | 4Q15 | FY15 |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Revenue | $1,910.1$ | $5,474.2$ | $1,865.9$ | $1,843.9$ | $1,997.7$ | $1,861.8$ | $7,569.3$ |
| COGS | $1,546.6$ | $4,545.5$ | $1,512.8$ | $1,511.8$ | $1,617.2$ | $1,544.4$ | $6,186.2$ |
| Gross Profit | 363.5 | 928.7 | 353.1 | 332.1 | 380.5 | 317.4 | $1,383.1$ |
| (\%) | $(19.0 \%)$ | $(17.0 \%)$ | $(18.9 \%)$ | $(18.0 \%)$ | $(19.0 \%)$ | $(17.0 \%)$ | $(18.3 \%)$ |
| Operating Profit | 37.2 | 70.8 | 6.8 | -3.7 | 17.9 | -80.8 | -59.8 |
| (\%) | $(1.9 \%)$ | $(1.3 \%)$ | $(0.4 \%)$ | $(-0.2 \%)$ | $(0.9 \%)$ | $(-4.3 \%)$ | $(-0.8 \%)$ |
| Non-operating Profit | -75.8 | 128.6 | 73.9 | -397.0 | 658.0 | -236.1 | 98.9 |
| Pre-tax Profit | -38.6 | 199.4 | 80.7 | -400.7 | 675.9 | -316.9 | 39.1 |
| (\%) | $(-2.0 \%)$ | $(3.6 \%)$ | $(4.3 \%)$ | $(-21.7 \%)$ | $(33.8 \%)$ | $(-17.0 \%)$ | $(0.5 \%)$ |
| Tax | -14.9 | 47.3 | 16.1 | -90.7 | 173.4 | -85.6 | 13.4 |
| Discontinued Operations | -105.1 | -232.4 | 0 | 0 | 0 | 0 | 0 |
| Net Profit | -128.8 | -80.3 | 64.6 | -310.0 | 502.5 | -231.4 | 25.7 |
| (\%) | $(-6.7 \%)$ | $(-1.5 \%)$ | $(3.5 \%)$ | $(-16.8 \%)$ | $(25.2 \%)$ | $(-12.4 \%)$ | $(0.3 \%)$ |
| NP Iess Minority Interests | -129.1 | -83.8 | 59.7 | -303.4 | 499.2 | -201.5 | 53.8 |
| (\%) | $(-6.8 \%)$ | $(-1.5 \%)$ | $(3.2 \%)$ | $(-16.5 \%)$ | $(25.0 \%)$ | $(-10.8 \%)$ | $(0.7 \%)$ |
| Depreciation | 156.0 | 505.4 | 156.4 | 156.2 | 159.8 | 161.1 | 634.0 |
| CAPEX | 102.8 | 384.9 | 164.0 | 170.6 | 155.9 | 135.5 | 626.0 |

※ Chemicals \& Electronic Materials reflected from 3Q14 post merger with Cheil Industries Inc. (July 1, 2014)
※ PDP and Solar division reflected in discontinued operations

## Balance Sheet

[Unit : bn KRW]

| Category | FY14 | 1Q15 | 2Q15 | 3Q15 | FY15 |
| :---: | ---: | ---: | ---: | ---: | ---: |
| Total Assets | $15,968.5$ | $16,119.4$ | $16,040.7$ | $16,522.9$ | $16,225.3$ |
| Current Assets | $3,535.5$ | $3,607.9$ | $3,460.0$ | $4,014.6$ | $4,773.9$ |
| Quick Assets | $2,760.5$ | $2,850.1$ | $2,718.6$ | $3,262.9$ | $3,165.5$ |
| Inventory \& Others | 775.0 | 757.8 | 741.4 | 751.7 | $1,608.4$ |
| Non-current Assets | $12,433.0$ | $12,511.5$ | $12,580.7$ | $12,508,3$ | $11,451.4$ |
| Investment Assets | $7,605.1$ | $7,695.0$ | $7,612.4$ | $7,447.9$ | $6,609.1$ |
| Tangible Assets | $3,324.9$ | $3,379.2$ | $3,400.2$ | $3,488.5$ | $3,229.0$ |
| Intangible Assets | $1,278.9$ | $1,231.6$ | $1,303.6$ | $1,310.4$ | $1,277.6$ |
| Other Assets | 224.1 | 205.7 | 264.5 | 261.5 | 335.7 |
| Liabilities | $4,141.6$ | $4,277.3$ | $4,457.6$ | $4,906.5$ | $4,972.1$ |
| Current Liabilities | $2,254.2$ | $2,465.7$ | $2,773.4$ | $3,049.5$ | $3,201.3$ |
| Non-current Liabilities | $1,887.4$ | $1,811.6$ | $1,684.2$ | $1,857.0$ | $1,770.8$ |
| Shareholders Equity | $11,826.9$ | $11,842.1$ | $11,583.1$ | $11,616.4$ | $11,253.2$ |
| Paid-in Capital | 356.7 | 356.7 | 356.7 | 356.7 | 356.7 |

※ Chemicals \& Electronic Materials reflected from 3Q14 post merger with Cheil Industries Inc. (July 1, 2014)

