## SolutionPartner

## 3Q 2007 Business Results \& Outlook

2007. 10. 16

(1) LG Chem

The business results for the 3rd quarter of 2007 currently under audit review are presented here for investors' convenience. Hence, please be advised that some of their contents may be altered in the course of audit.

Forecasts and projections contained in this material are based on current business environments and management strategies, and they may differ from the actual results upon changes and unaccounted variables.

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| (Unit : KRW bn) | Non-Consolidated |  |  |  | Consolidated |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | '06 3Q | '073Q | '072Q | QoQ | '06 3Q | '073Q | '072Q | QoQ |
| Sales | 2,482.5 | 2,766.6 | 2,644.9 | 11.4\% | 3,094.0 | 3,565.9 | 3,383.7 | 15.3\% |
| Operating Profit | 107.1 | 252.5 | 162.6 |  | 217.3 | 374.1 | 292.1 |  |
| (\%) | (4.3) | (9.1) | (6.1) |  | (7.0) | (10.5) | (8.6) |  |
| Recurring Profit | 151.4 | 271.8 | 217.6 |  | 224.6 | 339.5 | 292.2 |  |
| (\%) | (6.1) | (9.8) | (8.2) |  | (7.3) | (9.5) | (8.6) |  |
| Equity Method Gains | 33.9 | 52.1 | 58.4 | 53.7\% | 2.7 | 3.4 | 1.9 | 25.9\% |
| Net Income | 121.0 | 209.7 | 236.7 | 73.3\% | 121.0 | 209.7 | 236.7 | 73.3\% |

[^0]LG Chem


| (Unit : KRW bn) |
| :---: |
| Assets |
| (Cash and equivalents) |
| Liabilities |
| (Borrowings) |
| Shareholder's Equity |
| Total Liabilities / Equity (\%) |
| Net Debt / Equity (\%) |
| Interest Coverage Ratio |
| ROE (\%) |
| ROA (\%) |
| EBITDA |


| ’06 | '07 3Q |
| ---: | ---: |
| $5,806.5$ | $6,239.1$ |
| 115.8 | 123.1 |
| $3,189.3$ | $3,079.2$ |
| $1,585.3$ | $1,504.8$ |
| $2,617.2$ | $3,159.9$ |
| 121.9 | 97.4 |
| 60.6 | 47.6 |
| 3.8 | 9.3 |
| 12.6 | 25.8 |
| 5.6 | 12.4 |
| 866.0 | 901.1 |


| '06 | '07 3Q |
| ---: | ---: |
| $7,638.5$ | $8,438.1$ |
| 387.2 | 541.1 |
| $4,360.7$ | $4,509.9$ |
| $2,412.1$ | $2,288.5$ |
| $3,277.8$ | $3,928.2$ |
| 133.0 | 114.8 |
| 73.6 | 58.3 |
| 5.9 | 10.8 |
| 14.5 | 26.0 |
| 6.2 | 11.6 |
| - | - |

## Business results



## Analysis

- Analysis
$\square$ Strong polyolefin prices and decreased depreciation expenses resulted remarkable improvement in profitability for NCC/PO
Ethylene: U\$ 1,050 ('07 2Q) $\rightarrow$ 1,206 ('07 3Q) LDPE : U\$ 1,364 ('07 2Q) $\rightarrow$ 1,496 ('07 3Q) PP : U\$ 1,282 ('07 2Q) $\rightarrow$ 1,361 ('07 3Q)
- Firm global demand led continuous increase of PVC price

$$
\text { PVC : U\$ 928('07 2Q) } \rightarrow \text { 1,011('07 3Q) }
$$

回 Seasonal demand pick-up and stabilization of raw material price helped improve profitability for ABS/EP

- Outlook

■ Solid spreads for PVC/ABS are expected

## Business results



## Analysis

## - Analysis

$\square$ Worsen margin in Housing Solutions (HS) due to sluggish construction markets
$\square$ Weak margin in Living Solutions (LS) by high raw material cost and KWR depreciation

- Automotive Material Solutions (AMS) sales and margin declined due to weak seasonal demand
- Outlook
$\square$ Continuing cost reduction activities in HS
$\square$ Sales improve in AMS due to normalizing auto industry


## Business results

## Analysis

(Unit:KRW bn)

| Battery/ Printed Curcuit Materials |  | 590.1 | 510.0 |
| :---: | :---: | :---: | :---: |
|  | 448.5 |  |  |
|  | 32\% | 33\% | 32\% |
| ■Electronic/ Optical Materials | 68\% | 67\% | 68\% |
|  | 06 3Q | 07 3Q | '07 2Q |
| Operating Profit | 18.9 | 56.8 | 26.4 |
| Margin(\%) | 4.2 | 9.6 | 5.2 |

## - Analysis

- Battery : Turned to profit in 3Q
- Cylindrical : Tight supply/demand balance led price increase \& full utilization
- Prismatic : Increased sales to LGE moved up utilization
- Polymer : Maintained full utilization
$\square$ Electronic \& optical : Strong performance improvement
- Solid LCD market resulted in sales increase \& stopping price compmetition
- Additional profit gain by Japanese yen appreciation
- Outlook

回 Battery : Continue robust profit

- Cylindrical : Shortage expected due to Matsushita accident
- Prismatic : Close to getting order from top-tier customer
$\square$ Electronic \& optical : Continuous improvement
- Expect stable growth in LCD market
- Aggressive promotion to Taiwan market \& new customers


## Subsidiaries' Results \& Outlook

## Business results

## Analysis \& Outlook

| (Unit: KRW bn) |  | '06 3Q | '07 3Q | '07 2Q | - LG Petrochem |
| :---: | :---: | :---: | :---: | :---: | :---: |
| LG <br> Petrochemical | Sales | 641.8 | 659.6 | 639.5 |  |
|  | Operating Profit (\%) | $\begin{array}{r} 92.5 \\ (14.4) \end{array}$ | $\begin{array}{r} 87.6 \\ (13.3) \end{array}$ | $\begin{array}{r} 90.3 \\ (14.1) \end{array}$ | Despite high naphtha price, NCC resulted solid performance thanks to strong ethylene market <br> BPA continues to show strong margin |
|  | Net Income | 68.0 | 67.0 | 67.0 | verseas Subsidiaries |
| Overseas | Sales | 421.7 | 536.0 | 514.9 |  |
|  | Operating profit (\%) | $\begin{aligned} & 17.4 \\ & (4.1) \end{aligned}$ | $\begin{aligned} & 36.8 \\ & (6.9) \end{aligned}$ | $\begin{gathered} 33.0 \\ (6.4) \end{gathered}$ | LG YX sustained solid performance thanks to strong domestic (China) market demand <br> Margin improved from LG Dagu due to firm PVC price |
|  | Net Income | 12.0 | 30.8 | 25.9 |  |

* Figures exclude marketing subsidiaries.


## Appendix

(Unit : KRW bn)

|  | 2006 |  |  |  |  | 2007 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q | 4Q | Sum | 1Q | 2Q | 3Q | 4Q | Sum |
| Sales | 2,129.1 | 2,272.5 | 2,482.5 | 2,418.2 | 9,302.3 | 2,380.0 | 2,644.9 | 2,766.6 |  | 7,791.6 |
| Operating Profit | 65.6 | 48.1 | 107.1 | 112.3 | 333.9 | 127.0 | 162.6 | 252.5 |  | 542.4 |
| Petrochemicals | 1,364.8 | 1,429.6 | 1,582.2 | 1,508.2 | 5,884.8 | 1,498.3 | 1,647.3 | 1,742.8 |  | 4,888.4 |
| NCC/PO | 498.4 | 495.8 | 567.7 | 561.0 | 2,122.9 | 483.5 | 637.4 | 715.6 |  | 1,836.5 |
| Synthetic Rubber/ Specialty Resin | 132.6 | 149.1 | 142.2 | 146.1 | 570.0 | 153.2 | 168.2 | 184.7 |  | 506.1 |
| PVC | 187.5 | 197.7 | 231.2 | 210.4 | 826.8 | 206.3 | 229.3 | 220.0 |  | 655.6 |
| ABS/EP | 440.0 | 436.9 | 453.6 | 454.5 | 1,785.0 | 495.1 | 489.3 | 511.5 |  | 1,495.9 |
| Acrylate/Plasticizer | 206.9 | 216.0 | 248.6 | 238.5 | 910.0 | 267.4 | 269.3 | 256.7 |  | 793.5 |
| Operating Profit | 27.5 | $\triangle 5.5$ | 62.9 | 85.1 | 170.0 | 89.0 | 99.5 | 170.9 |  | 359.5 |
| Industrial Materials | 476.0 | 543.3 | 521.6 | 546.9 | 2,087.8 | 499.8 | 563.3 | 505.1 |  | 1,568.3 |
| Building/ Decorative | 253.7 | 314.1 | 323.3 | 321.4 | 1,212.5 | 291.5 | 339.7 | 316.2 |  | 947.4 |
| Living/Automotive | 224.1 | 231.7 | 200.4 | 227.2 | 883.4 | 209.8 | 225.5 | 190.7 |  | 626.0 |
| Operating Profit | 27.4 | 41.9 | 24.5 | 24.0 | 117.9 | 30.1 | 35.9 | 24.1 |  | 90.1 |
| I \& E Materials | 361.2 | 370.4 | 448.5 | 430.6 | 1,610.7 | 438.1 | 510.0 | 590.1 |  | 1,538.2 |
| Battery /PCM | 108.6 | 120.8 | 142.6 | 135.7 | 506.3 | 143.8 | 171.6 | 190.3 |  | 505.7 |
| Optical/Electronic | 254.8 | 253.3 | 309.5 | 298.2 | 1,197.1 | 298.8 | 346.8 | 410.6 |  | 1,056.2 |
| Operating Profit | 10.5 | 13.1 | 18.9 | 6.1 | 48.7 | 7.3 | 26.4 | 56.8 |  | 90.5 |

[^1]LG Chem

## Appendix

## Borrowings

|  | (Unit : KRW bn) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Balance |  |  | '07 (P) |
|  | '06 | '073Q | Changes |  |
| Total | $\begin{aligned} & 1,585.3 \\ & (100 \%) \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,504.8 \\ & (100 \%) \\ & \hline \end{aligned}$ | $\triangle 80.5$ | $\begin{aligned} & \hline 1,578.5 \\ & (100 \%) \\ & \hline \end{aligned}$ |
| KRW <br> Currency | $\begin{array}{r} 1,269.2 \\ (80 \%) \\ \hline \end{array}$ | $\begin{array}{r} \hline 1,136.5 \\ (76 \%) \\ \hline \end{array}$ | $\triangle 132.7$ | $\begin{array}{r} \mathbf{1 , 2 0 6 . 5} \\ (78 \%) \\ \hline \end{array}$ |
| $\begin{array}{cc} C & \mathbf{P} \\ \text { C } & B \\ \text { Others } \end{array}$ | $\begin{array}{r} 25.0 \\ 1,080.0 \\ 164.2 \end{array}$ | $\begin{aligned} & 110.0 \\ & 780.0 \\ & 246.5 \end{aligned}$ | $\begin{array}{r} 85.0 \\ \triangle 300.0 \\ 82.3 \end{array}$ | $\begin{array}{r} 1,080.0 \\ 126.5 \end{array}$ |
| Foreign <br> Currency | $\begin{gathered} 316.1 \\ (20 \%) \end{gathered}$ | $\begin{array}{r} 368.3 \\ (24 \%) \end{array}$ | 52.2 | $\begin{gathered} 372.0 \\ (23 \%) \end{gathered}$ |
| FRN Others | $\begin{aligned} & 213.9 \\ & 102.2 \end{aligned}$ | $\begin{array}{r} 276.2 \\ 92.1 \\ \hline \end{array}$ | $\begin{array}{r} 62.3 \\ \triangle 10.1 \end{array}$ | $\begin{aligned} & 269.7 \\ & 102.3 \end{aligned}$ |
| Short-term | $\begin{gathered} 465.9 \\ (29 \%) \end{gathered}$ | $\begin{aligned} & \hline 454.1 \\ & (30 \%) \end{aligned}$ | $\triangle 11.8$ | $\begin{gathered} \hline 386.2 \\ (24 \%) \end{gathered}$ |
| Long-term | $\begin{array}{r} 1,119.4 \\ (71 \%) \\ \hline \end{array}$ | $\begin{array}{r} 1,050.7 \\ (70 \%) \end{array}$ | $\triangle 68.7$ | $\begin{array}{r} \hline 1,212.3 \\ (76 \%) \end{array}$ |



|  | (Unit: KRW bn) |  |
| :--- | ---: | ---: |
|  | $\prime 06$ | '073Q |
| Beginning | 317.0 | 115.8 |
| Operating/Investing | 115.8 | 160.7 |
| Net Income | 318.8 | 559.3 |
| Depreciation | 502.2 | 338.0 |
| Working Capital | $\triangle 178.5$ | $\triangle 311.4$ |
| CAPEX | $\triangle 590.5$ | $\triangle 346.7$ |
| Others | 63.9 | $\triangle 78.5$ |
| Financing | $\triangle 370.9$ | $\triangle 153.4$ |
| Borrowings | $\triangle 279.9$ | $\triangle 80.5$ |
| Dividend | $\triangle 91.0$ | $\triangle 72.9$ |
| End | 115.8 | 123.1 |

The \% is calculated to total borrowings
Discounts of bond is not includedLG Chem



- The prices are average price of CFR FE Asia for general grade in each product group.
** Average of FOB Korea priceLG Chem


[^0]:    * Recurring Profit stands for "Profit from continuing operations before income tax"

[^1]:    * Difference between total of all business divisions and total of each business unit indicates inter-company business sales.

