Ideas \＆Chemistry

## Presentation to Investors

Catalyzing the Unimagined

## TOYOBO CO．，LTD．

February 8， 2019

## Agenda

## I . Results for Q3 of FY 3/19

II. Forecasts for FY 3/19

I . Results for Q3 of FY 3/19

## Highlights

## Results

$>$ Sales of $¥ 249.9$ bn. (up3.4\%), operating profit of $¥ 15.3$ bn. (down4.4\%).
$>$ Sales of growth drivers "COSMOSHINE SRF" and mold releasing film for MLCC were strong.
$>$ Packaging films, engineering plastics, airbag fabrics incurred effects of the fluctuations in raw material and fuel prices.
$>$ Loss of $¥ 0.3$ billion. Extraordinary losses of $¥ 12.0$ billion was recorded for the loss due to fire

## FY 3/19 Forecasts

$>$ Operating profit is revised to $¥ \mathbf{2 1 . 0}$ billion and profit is revised to $¥ 0.0$ billion in light of raw material and fuel prices and the impact of the fire accident, etc.

|  | FY 3/18 |  | FY 3/19 |  |
| :---: | ---: | ---: | ---: | ---: |
|  | Q3 <br> (cumulative) | Q3 <br> (cumulative) |  |  |
| Net sales | 241.7 | 331.1 | 249.9 | 340.0 |
| Operating profit | 16.0 | 23.9 | 15.3 | 21.0 |
| Extraordinary losses | 2.7 | 13.7 | 14.0 | 16.5 |
| Profit (loss) attributable <br> to owners of parent | 15.8 | 13.0 | -0.3 | 0.0 |

Previous ( $¥ \mathbf{b n}$.)
forecasts
(Nov. 2018)
340.0
23.0
-
-

## Extraordinary losses due to fire

## The amount of loss due to fire was recorded based on current estimates

( $¥$ bn.)

|  | recorded amount |
| :--- | ---: |
| Costs related to procurement of <br> replacement materials | $\mathbf{7 . 1}$ |
| Loss on extinguishment of non-current <br> assets and inventories | 1.9 |
| Costs of removing assets and restoration | 1.7 |
| Fixed costs during a shutdown period | 0.9 |
| Other related costs | 0.3 |
| Total | 12.0 |

■ Because the extraordinary losses was recorded based on the estimate at present, the amount may change in the future.
$■$ An appropriate insurance policy against loss or damage was taken out.
However, the insurance amount to be received has not been determined and it is not recorded under extraordinary income.

## Results for Q3 FY 3/19 PL

|  | FY 3/18 | FY 3/19 | YOY |  | ( $¥$ bn.) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Q3 } \\ \text { (cumulative) } \end{gathered}$ | $\begin{array}{\|c} \hline \text { Q3 } \\ \text { (cumulative) } \end{array}$ | Amount | \% |  |
| Net sales | 241.7 | 249.9 | +8.2 | +3.4 | Extraordinary losses |
| Operating profit | 16.0 | 15.3 | -0.7 | -4.4 |  |
| (Ratio to sales) | 6.6\% | 6.1\% | - | - |  |
| Ordinary profit | 13.8 | 12.7 | -1.1 | -8.2 |  |
| Extraordinary income | 11.5 | 0.6 | -10.9 | -94.7 | Loss due to fire |
| Extraordinary losses | 2.7 | 14.0 | +11.3 | +424.8 | ¥12.0 billion. |
| Profit (loss) attributable to owners of parent | 15.8 | -0.3 | - | - | Costs related to |
| EPS ( $¥$ ) | 178.0 | -3.4 | - | - | replacement |
| Depreciation | 11.6 | 11.9 | +0.2 | +1.9 | materials, etc. |
| CAPEX | 16.6 | 17.2 | +0.6 | +3.6 |  |
| Exchange rate (¥/US\$) | 112 | 111 |  |  |  |
| Naphtha price in Japan (thousand $¥ / \mathrm{kl}$ ) | 40 | 52 6 |  |  | TOYOBO |

## I . Results for Q3 of FY 3/19

## Analysis of Changes in Operating Profit



## Results for Q3 FY 3/19 BS

|  | (A) |  | (B) | ( $¥$ bn.) |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c} \hline \text { Mar. 31, } \\ 2017 \\ \hline \end{array}$ | $\begin{array}{\|c} \hline \text { Mar. 31, } \\ 2018 \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { Dec. 31, } \\ 2018 \\ \hline \end{array}$ | Change $(A) \rightarrow(B)$ |
| Total assets | 450.2 | 445.5 | 453.7 | +8.2 |
| Cash and deposits | 32.3 | 26.0 | 18.4 | -7.6 |
| Inventories | 72.8 | 71.3 | 79.7 | +8.4 |
| Net assets | 170.9 | 184.5 | 181.0 | -3.5 |
| Shareholder's equity | 167.8 | 180.6 | 175.9 | -4.7 |
| (Retained earnings) | 45.9 | 56.1 | 52.2 | -4.0 |
| Non-controlling interests | 3.1 | 4.0 | 5.1 | +1.2 |
| Interests-bearing debt | 169.2 | 145.6 | 156.7 | +11.1 |
| D/E ratio | 1.01 | 0.81 | 0.89 | - |

The Group has applied the "Partial Amendments to Accounting Standard for Tax Effect Accounting" (ASBJ Statement No. 28, February 16, 2018) and relevant Guidances.

## I. Results for Q3 of FY 3/19

## Results by Segment

( $¥$ bn.)

|  | Net sales |  | Operating profit |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY 3/18 | FY 3/19 | FY 3/18 | FY 3/19 |  |
|  | Q3 (cumulative) | Q3 (cumulative) | $\begin{gathered} \text { Q3 } \\ \text { (cumulative) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Q3 } \\ \text { (cumulative) } \\ \hline \end{gathered}$ | (Amount) |
|  <br> Functional Polymers | 110.9 | 118.4 | 9.9 | 10.1 | +0.3 |
| Industrial Materials | 46.3 | 49.8 | 3.1 | 2.6 | -0.5 |
| Healthcare | 25.2 | 24.3 | 3.3 | 3.1 | -0.2 |
| Textiles and Trading | 48.4 | 46.4 | -0.4 | -0.0 | +0.3 |
| Real Estate and Others | 10.9 | 11.0 | 2.0 | 1.7 | -0.4 |
| Elimination \& Corporate | - | - | -1.8 | -2.1 | -0.3 |
| Total | 241.7 | 249.9 | 16.0 | 15.3 | -0.7 |
|  |  | 9 |  |  | TOYOBO |

## Films \& Functional Polymers

Net sales Operating profit
ratio to sales(\%)


FY3/18 FY3/19
Q3 (cumulative)

■ Sales of "COSMOSHINE SRF" and mold releasing film for MLCC were strong.

■ Sales of packaging films and functional polymers incurred heavy effects of the fluctuations in raw material prices.

■ Functional polymers for application in electronic materials struggled.

## Industrial Materials


$\square$ Sales in the life and industrial business grew primarily for overseas customers.

■ Challenges were faced due to the impact of fire and the fluctuations in raw material prices.

## Healthcare



■ Sales expanded in enzymes for diagnostic reagents and volatile organic compound (VOC) emissions treatment equipment related business.

■ In the pharmaceuticals business costs for compliance with GMP piled up.

## Textiles and Trading



■ Sales of thobe cloth to the Middle East continued to decrease owing to deteriorating market conditions.

## Growth Drivers

## "COSMOSHINE SRF"

-In Q3 cumulative, sales increased by approx. 75\%.
Aim for 30\% share in FY 3/19.

- Sales expanded for use in LCD TVs in overseas markets.

-Emerging dominance of polyester due to market trending to larger panels, bezel-free displays and component-based rather than module-based procurement.


## Mold releasing film for MLCC

-In Q3 cumulative, sales increased by approx.30\%. Aim for 25\% share of the high-end product market in FY 3/19.

- Sales expanded with its superior smoothness for smartphones, tablets, and automobile high-end products
-New processing equipment will be put into production in July 2019.


## Airbag fabrics

-In H1, sales increased by approx. 30\%. In Q3, sales remained flat year on year.


- Struggled due to fire response within the fluctuations in raw material prices.
II. Forecasts for FY 3/19


## Forecasts for FY 3/19

( $¥$ bn.)

|  | FY 3/18 | FY 3/19 |  | YOY |  |
| :---: | ---: | ---: | ---: | ---: | ---: |
|  |  | Q3 <br> (cumulative) | forecasts | Amount | \% |
| Net sales | 331.1 | 249.9 | 340.0 | +8.9 | +2.7 |
| Operating profit | 23.9 | 15.3 | 21.0 | -2.9 | -12.2 |
| (Ratio to sales) | $7.2 \%$ | $6.1 \%$ | $6.2 \%$ | - | - |
| Ordinary profit | 20.4 | 12.7 | 16.0 | -4.4 | -21.6 |
| Profit (loss) attributable <br> to owners of parent | 13.0 | -0.3 | 0.0 | - | - |
| EPS ( $¥$ ) | 146.9 | -3.4 | 0.0 | - | - |
| Depreciation | 15.7 | 11.9 | 15.9 | +0.2 | - |
| CAPEX | 21.3 | 17.2 | 24.0 | +2.7 | - |

Previous
forecasts
(Nov. 2018)
340.0
23.0
6.8\%
18.0
15.7
24.0

111
54

The annual dividends forecast is $¥ 40 /$ share as planned.
II. Forecasts for FY 3/19

## Analysis of Changes in Operating Profit



|  | FY 3/18 | FY 3/19 |
| :---: | ---: | ---: |
| Exchange rate ( $¥ /$ US \$ ) | 111 | 110 |
| Naphtha price in Japan (thousand $¥ / \mathrm{kI}$ ) | 42 | 49 |

II. Forecasts for FY 3/19

## Forecasts by Segment

( $¥$ bn.)

|  | Net Sales |  | Operating Profit |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | FY 3/18 <br> result | FY 3/19 <br> forecasts | FY 3/18 <br> result | FY 3/19 <br> forecasts | Change <br> ('17 $\rightarrow$ '18) |
| forecasts |  |  |  |  |  |
| (Nov. 2018) |  |  |  |  |  |

## Please Note

The business performance forecasts and targets included in the business plans contained in this presentation are based on information known to the Company's management as of the day of presentation. Please be aware that the content of the future forecasts may differ significantly from actual results, due to a number of unforeseeable factors.

# TOYOBO <br> Ideas \& Chemistry 

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