

# PP

Impact copolymer for injection molding

## ▶ BJ750

### ● Description

**BJ750** is for injection molding application. Hanwha Total impact copolymer shows an easy processability and an excellent stiffness combined with good impact strength & appearance.

### ● Characteristics

- ▶ Excellent balance between stiffness and impact strength
- ▶ Good appearance (gas mark and void free, high gloss)
- ▶ Good processability and productivity

### ● Applications

- ▶ Large E&E articles: Dish Washer Tub, W/M, & TWIM

### ● Physical Properties

| Typical Properties         | Method (ASTM) | Unit               | BJ750  |
|----------------------------|---------------|--------------------|--------|
| Melt flow index            | D1238         | g/10min            | 28     |
| Density                    | D1505         | g/cm <sup>3</sup>  | 0.91   |
| Tensile strength at yield  | D638          | kg/cm <sup>2</sup> | 290    |
| Elongation at break        | D638          | %                  | >100   |
| Flexural modulus           | D790          | kg/cm <sup>2</sup> | 15,500 |
| Izod impact strength 23 °C | D256          | kgcm/<br>cm        | 8      |
| 0 °C                       |               |                    | 5      |
| -20 °C                     |               |                    | 4      |
| Rockwell hardness          | D785          | R-scale            | 90     |
| Heat distortion temp.      | D648          | °C                 | 120    |

\* Data shown above are representative values for reference purposes only, and not to be construed as specifications.

## ● **Food Contact Application**

- ▶ Hanwha Total BJ750 meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.
- ▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.

## ● **Contacts**

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### ▶ **Product Information & Technical Services**

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