

# PP

Impact copolymer for injection molding

## ▶ BJ7500

### ● Description

**BJ7500** is impact PP for injection molding application. Hanwha Total BJ7500 shows an easy processability and an excellent stiffness combined with good impact strength & appearance. It is produced using non-phthalate catalyst complying with EU REACH regulation.

### ● 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: Washing M/C, TWIM

### ● Physical Properties

| Typical Properties         | Method (ASTM) | Unit               | BJ7500 |
|----------------------------|---------------|--------------------|--------|
| 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> | 15,000 |
| Izod impact strength 23 °C | D256          | kgcm/              | 8      |
| -20 °C                     |               | cm                 | 4      |
| Rockwell hardness          | D785          | R-scale            | 90     |
| Heat distortion temp.      | D648          | °C                 | 120    |

Data performed by or on behalf of Hanwha Total

## ● **Food Contact Application**

- ▶ Hanwha Total BJ7500 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 Customer Service Team.

## ● **Contacts**

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

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