

# 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**

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

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