

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 ³	0.91
Tensile strength at yield	D638	kg/cm ²	290
Elongation at break	D638	%	>100
Flexural modulus	D790	kg/cm ²	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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