

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 ³	0.91
Tensile strength at yield	D638	kg/cm ²	290
Elongation at break	D638	%	>100
Flexural modulus	D790	kg/cm ²	15,500
Izod impact strength 23 °C	D256	kgcm/ cm	8
0 °C			5
-20 °C			4
Rockwell hardness	D785	R-scale	90
Heat distortion temp.	D648	°C	120

● **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.