PP

Impact copolymer for injection

▶BJ100

● Description

BJ100 is an impact polypropylene designed for injection molding application which needs high impact strength. The optimum rubber design of BJ100 offers excellent property balance between stiffness and impact strength.

● Characteristics

- ▶ Excellent balance between stiffness and impact strength
- ▶ Good appearance & processability

● Applications

- ▶ Industrial part, Houseware

● Physical Properties

Typical Properties	Method (ASTM)	Unit	BJ100
Melt flow index	D1238	g/10min	1.5
Density	D1505	g/cm^3	0.91
Tensile strength at yield	D638	kg/cm^2	290
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm^2	13,000
Izod impact strength at 23℃ 0℃ -20℃	D256	kgcm/cm	15 10 7
Rockwell hardness	D785	R-scale	82
Heat distortion temp.	D648	℃	110

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

** Data performed by or on behalf of Hanwha Total*

● Food Contact Application

▶ There may be some limitation to apply Hanwha Total BJ100 to the food packaging. Thus, the verification on the suitability is necessary.

▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.

● Contacts

▶ **Product Information & Technical Services**

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