

# 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 <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	290
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm <sup>2</sup>	13,000
Izod impact strength at 23 °C			15
0 °C	D256	kgcm/cm	10
-20 °C			7
Rockwell hardness	D785	R-scale	82
Heat distortion temp.	D648	°C	110

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

## ● **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**

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- ▶ **Product Information & Technical Services** [www.cn-plas.com](http://www.cn-plas.com)

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