



PP

Impact copolymer for injection molding

► BJ5500

● Description

BJ5500 is impact PP for injection molding application. Hanwha Total BJ5500 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

- ▶ E&E parts, battery case, containers

● Physical Properties

Typical Properties	Method (ASTM)	Unit	BJ5500
Melt flow index	D1238	g/10min	12
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	280
Elongation at break	D638	%	>200
Flexural modulus	D790	kg/cm ²	13,000
Izod impact strength 23°C -20°C	D256	kgcm/ cm	11 5
Rockwell hardness	D785	R-scale	80
Heat distortion temp.	D648	°C	105

Data performed by or on behalf of Hanwha Total

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1 / 2



● **Food Contact Application**

- ▶ Hanwha Total BJ5500 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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