





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

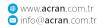
# Physical Properties

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

Data performed by or on behalf of Hanwha Total









# 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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