

# PP

Impact copolymer for injection molding

## ► BJ550

### ● Description

**BJ550** 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

- E&E parts, battery case, containers

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	BJ550
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>	13,500
Izod impact strength 23 °C	D256	kgcm/cm	11
0 °C			6
-20 °C			5
Rockwell hardness	D785	R-scale	80
Heat distortion temp.	D648	°C	105

## ● **Food Contact Application**

- ▶ Hanwha Total BJ550 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.