

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

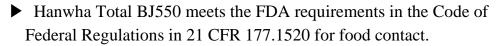
Physical Properties

Typical Properties	Method (ASTM)	Unit	BJ550
Melt flow index	D1238	g/10min	12
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	280
Elongation at break	D638	%	>200
Flexural modulus	D790	kg/cm ²	13,500
Izod impact strength 23 °C 0 °C −20 °C	D256	kgcm/ cm	11 6 5
Rockwell hardness	D785	R-scale	80
Heat distortion temp.	D648	$^{\circ}$	105

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Food Contact Application



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