

PP

Impact copolymer for injection molding

► BJ355

● Description

BJ355 is an impact polypropylene for injection molding application. Due to an optimum rubber design, BJ355 has an excellent balance between stiffness and impact strength.

● Characteristics

- High stiffness & impact strength
- Easy mold release characteristics

● Applications

- Crates, Furniture, Toys, Tool boxes, Garden chairs, Containers, E&E parts

● Physical Properties

Typical Properties	Method (ASTM)	Unit	BJ355
Melt flow index	D1238	g/10min	7
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	280
Elongation at break	D638	%	400
Flexural modulus	D790	kg/cm ²	13,500
Izod impact strength 23 °C	D256	kgcm/ cm	12
0 °C			7
-20 °C			5
Rockwell hardness	D785	R-scale	80
Heat distortion temp.	D648	°C	105

● **Food Contact Application**

- ▶ Hanwha Total BJ355 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.