

# 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 <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	280
Elongation at break	D638	%	400
Flexural modulus	D790	kg/cm <sup>2</sup>	13,500
Izod impact strength 23 °C			12
0 °C	D256	kgcm/cm	7
-20 °C			5
Rockwell hardness	D785	R-scale	80
Heat distortion temp.	D648	°C	105

\* Data shown above are representative values for reference purposes only, and not to be construed as specifications.

## ● **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.

## ● **Contacts**

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- ▶ **Product Information & Technical Services** [www.cn-plas.com](http://www.cn-plas.com)

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