

# 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	D256	kgcm/ cm	12
0 °C			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**

---

### ▶ **Product Information & Technical Services**

103, Dokgot 2-ro, Daesan-eup, Seosan-si, Chungcheongnam-do,  
Korea, 31900

TEL : 82-41-660-6190      FAX : 82-41-660-6189

### Disclaimer

*This document is copyright of Hanwha Total petrochemicals Co., Ltd. Any and all information and the values in this document are typical properties for reference, not to be confused with, or regarded as specification. Customers are responsible for determining whether our products and information are suitable for their particular purpose and for ensuring that Customer's location and handling practices are in compliance with laws and regulations. HANWHA TOTAL assumes no obligation or liability for the information in this document. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY HANWHA TOTAL. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. HANWHA TOTAL is entitled to alter, change or modify any of the content herein at any time without prior notice, but not under any duty to do so.*