

# PP

Impact PP for Sheet & Thermoforming

## ► BB120

### ● Description

**BB120** is the block HIPP for sheet & thermoforming application. Hanwha Total impact polypropylene shows an excellent balance between stiffness and impact strength at low temperature as well as good processability.

### ● Characteristics

- Excellent balance between stiffness and impact strength
- Good appearance & processability

### ● Applications

- DANPLA Sheet, TMF sheet

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	BB120
Melt flow index	D1238	g/10min	0.8
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	300
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm <sup>2</sup>	13,000
Izod impact strength at 23 °C	D256	kgcm/cm	N.B
at 0 °C			12
at -20 °C			8
Rockwell hardness	D785	R-scale	82
Heat distortion temp.	D648	°C	110

## ● **Food Contact Application**

- ▶ Hanwha Total BB120 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.