

PP

Impact PP for Sheet & Thermoforming

► BB110

● Description

BB110 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	BB100
Melt flow index	D1238	g/10min	0.5
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	300
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm ²	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 BB110 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.