

Hanwha Total PP BB150

Polypropylene Impact Copolymer
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

BB150 is an impact polypropylene for injection molding applications. The polymerization technology and optimum rubber design offer an excellent balance between stiffness and impact strength.

Characteristics and Applications:

Good processability and flowability
High stiffness and impact strength
Heavy duty films, Sheet, Thermoforming

General Information			
Features	Good Processability		
	High Flow		
	High Impact Resistance		
	High Stiffness		
	Impact Copolymer		
Uses	Film		
	Sheet		
Forms	Pellets		
Processing Method	Injection Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	49	J/m	
0°C	88	J/m	
23°C	590	J/m	
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

107

°C

ASTM D648

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