

# Hanwha Total PP BJ350

Polypropylene Impact Copolymer

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

BJ350 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

Crates, furniture, toys, tool boxes, E&E parts

General Information			
UL YellowCard	E140331-584942		
Features	Good Processability		
	High Flow		
	High Impact Resistance		
	High Stiffness		
	Impact Copolymer		
Uses	Crates		
	Electrical/Electronic Applications		
	Furniture		
	Tool/Tote Box		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Flexural Modulus	1420	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	59	J/m	
0°C	78	J/m	
23°C	110	J/m	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

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#### Recommended distributors for this material

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