

# Hanwha Total PP BJ732

Polypropylene Impact Copolymer  
HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

BJ732 is high-flow block copolymer polypropylene resin for injection molding applications. These grades are designed to be processed in conventional injection molding equipment.

General Information			
Additive	Antistatic property		
	UV stabilizer		
Features	Block Copolymer		
	Rigidity, high		
	Antistatic property		
	Impact resistance, high		
	High liquidity		
Uses	Home appliance components		
	Car anti-collision bar		
	Car interior parts		
	Car interior equipment		
	Car exterior decoration		
	Car dashboard		
Forms	Particle		
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)	27	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	91		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	26.5	MPa	ASTM D638
Fracture	19.6	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	39	J/m	ASTM D256

0°C	49	J/m	ASTM D256
23°C	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Injection	Nominal Value	Unit	
Rear Temperature	170 - 200	°C	
Middle Temperature	180 - 220	°C	
Front Temperature	200 - 230	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Pressure	98.1 - 245	MPa	
Holding Pressure	78.5 - 226	MPa	
Injection instructions			

Cooling Time: 25 to 40 sec

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#### Recommended distributors for this material

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