

Hifax SBP7220 Black

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hifax SBP7220 Black is a high flow, high impact copolymer polypropylene especially designed for injection moulding large, thin wall parts. This grade has good dimensional stability and UV stability. This grade can be used for automotive exterior parts, such as bumper. This grade is black, pellet form.

General Information			
Features	Good Dimensional Stability		
	Good Impact Resistance		
	Good Stiffness		
	High Flow		
	Low Temperature Impact Resistance		
	Paintable		
Uses	Automotive Bumper		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2
Flexural Modulus	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	5.0	kJ/m ²	
23°C	35	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B

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