



Hifax SBP7220 Black

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Asia-Pacific
Processing Method	Injection Moulding
Features	Good Dimensional Stability, High Flow , Good Impact Resistance , Low Temperature Impact Resistance, Paintable, Good Stiffness
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.97 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20 g/10 min
Mechanical		
Flexural modulus	ISO 178	1200 MPa
Tensile stress at yield	ISO 527	16 MPa
Impact		
Notched izod impact strength (- 30 °C) Note: Method 1A	ISO 180	5 kJ/m ²
(23 °C) Note: Method 1A		35 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	85 °C

Notes

Typical properties; not to be construed as specifications.

Additional Properties

Note: Mold shrinkage values are determined on laboratory injection molded 210 mm x 150 mm x 3.0 mm plaques and, as such, are not necessarily representative of actual field data. Since, for example, wall thickness, gate type and location, flow length and paint oven temperature affect final part dimensions, it is recommended that you contact your LyondellBasell representative before any tools are cut.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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