lyondellbasell

Hifax SP 179

Compounded Polyolefin

Product Description

"Hifax" SP 179 is a medium melt flow, unfilled, UV stabilised polypropylene grade designed for injection moulding. The product exhibits a high impact strength at low temperatures and a medium rigidity. This grade is available in black and custom colour.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Medium Flow, High Impact Resistance , Low Temperature Impact Resistance
Typical Customer Applications	Exterior Applications, Bumpers, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0.900 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	7.5 g/10 min
Mechanical		
Flexural modulus	ISO 178	950 MPa
Impact		
Notched izod impact strength	ISO 180	
(-20 °C, Type 1, Notch A)		10 kJ/m²
(23 °C, Type 1, Notch A)		No Break kJ/m²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	75.0 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	46.0 °C

Notes

Typical properties; not to be construed as specifications.

Release Date: 06 May 2011