lyondellbasell

Hifax BC 72 G

Compounded Polyolefin

Product Description

"Hifax" BC 72 G is a high melt flow, 10% mineral filled, UV stabilised, polypropylene copolymer. The product exhibits high stiffness, This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	Good Flow, Medium Impact Resistance, Good Stiffness , Good UV Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0.98 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	27 MPa
Tensile Strain at Break	ISO 527-1, -2	50 %
Flexural modulus	ISO 178	1900 MPa
Impact		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	4.5 kJ/m²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	120 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	60.0 °C

Notes

Typical properties; not to be construed as specifications.

Release Date: 22 Jun 2011