



Hifax ERC 347P

Compounded Polyolefin

Product Description

Hifax ERC 347P is high melt flow, 30% mineral filled, UV stabilised, polypropylene copolymer. The product features an excellent balance of flowability, impact strength and stiffness. Its formula is improved to offer better aspect especially on tiger stripes.

Hifax ERC 347P is available in custom colour, pellet form.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density (Method A g/cm ³)	ISO 1183	1.14 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	22 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	20 MPa
Tensile Strain at Break	ISO 527-1, -2	27 %
Flexural modulus	ISO 178	2500 MPa
Impact		
Charpy notched impact strength	ISO 179	
(23 °C, Type 1, Edgewise, Notch A)		20 kJ/m ²
(0 °C, Type 1, Edgewise, Notch A)		5 kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		2.5 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	62 °C
Vicat softening temperature B/50	ISO 306	58 °C

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

Equistar Chemicals, LP
 Basell Sales & Marketing Company B.V.
 Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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