



Hifax TRC 277P

Compounded Polyolefin

Product Description

Hifax TRC 277P is a high melt flow, 15% mineral filled polypropylene copolymer. The product features low CLTE with a good impact - stiffness balance. The grade is designed for side cladding application and UV stabilized for exterior application. Its formula is improved to offer better aspect especially on tiger stripes.

Hifax TRC 277P is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Features	Copolymer, Medium Flow, Good Impact Resistance , Good Stiffness , Non Toxic
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.01 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	21.0 MPa
Tensile Strain at Break	ISO 527-1, -2	30 %
Flexural modulus	ISO 178	1700 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)		7 kJ/m ²
(-20 °C, Type 1, Edgewise, Notch A)		3.5 kJ/m ²
Thermal		
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	50 °C

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

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Basell Sales & Marketing Company B.V.
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Users should review the applicable Material Safety Data Sheet before handling the product.

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