



Hifax M2 U13

Compounded Polyolefin

Product Description

"Hifax" M2 U13 is a 20% mineral filled polypropylene homopolymer.
The product is designed for Auto exterior applications and is available in black colour.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	High Flow , Homopolymer, Good Thermal Aging Resistance, Good UV Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15 g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	18 cm³/10min
Mechanical		
Tensile Modulus (23 °C, Secant)	ISO 527-1, -2	2500 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	32 MPa
Tensile Strain at Break (50 mm/min)	ISO 527-1, -2	10 %
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	5 %
Flexural modulus (Secant)	ISO 178	2500 MPa
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	40 kJ/m²
(0 °C, Type 1, Edgewise)		20 kJ/m²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	3.0 kJ/m²
(0 °C, Type 1, Edgewise, Notch A)		2.0 kJ/m²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	90 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	110 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	70 °C

Notes

Typical properties; not to be construed as specifications.

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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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