



Hifax X M1 T05

Compounded Polyolefin

Product Description

Hifax X M1 T05 is a 12% mineral filled, UV stabilized, high impact modified polypropylene copolymer, designed for outdoor application.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.97	g/cm³
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	10	cm³/10min
Mechanical			
Tensile Modulus (Secant)	ISO 527-1, -2	1300	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	17	MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	8.0	%
Impact			
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	No Break	kJ/m²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	No Break	kJ/m²
(-30 °C, Type 1, Edgewise, Notch A)		4.0	kJ/m²
Thermal			
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	130	°C

Notes

Typical properties; not to be construed as specifications.

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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