



Hostacom X M1 T01

Compounded Polyolefin

Product Description

"Hostacom" X M1 T01 is a 10% mineral filled elastomer modified PP copolymer with high flow, high toughness and scratch resistant. Low emissions and low odour. Used for interior applications in particular instrument panels.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Copolymer, High Flow , Low to No Odor, Scratch Resistant, Good Toughness
Typical Customer Applications	Interior Applications, Instrument Panels, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0.97 g/cm³
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	8.50 cm³/10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	1300 MPa
Tensile Stress at Break (50 mm/min)	ISO 527-1, -2	13 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	19 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	5.0 %
Flexural modulus (Secant)	ISO 178	1200 MPa
Flexural Stress (23 °C)	ISO 178	23 MPa
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	No Break kJ/m²
(-30 °C, Type 1, Edgewise)		145 kJ/m²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	35 kJ/m²
Note: impact values can be significantly higher lot vise		
(0 °C, Type 1, Edgewise, Notch A)		10 kJ/m²
(-30 °C, Type 1, Edgewise, Notch A)		5 kJ/m²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	86 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	137 °C

Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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Release Date: 28 Dec 2010

