



Hostacom X M2 U36

Compounded Polyolefin

Product Description

"Hostacom" X M2 U36 is a 20% mineral filled PP copolymer with good stiffness toughness balance, low odour and fogging. Used typically for automotive interior, in particular for instrument panels.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Features	Copolymer, Low to No Odor, Good Stiffness , Good Toughness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm ³
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	14 cm ³ /10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	2500 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	25 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	3 %
Flexural modulus (Secant)	ISO 178	2500 MPa
Impact		
Charpy unnotched impact strength	ISO 179	
(23 °C, Type 1, Edgewise)		95 kJ/m ²
(-30 °C, Type 1, Edgewise)		35 kJ/m ²
(-35 °C, Type 1, Edgewise)		35 kJ/m ²
Charpy notched impact strength	ISO 179	
(23 °C, Type 1, Edgewise, Notch A)		6 kJ/m ²
(0 °C, Type 1, Edgewise, Notch A)		3.5 kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		3 kJ/m ²
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	65 °C
Vicat softening temperature (A50 (50°C/h A10N))	ISO 306	150 °C

Notes

Typical properties; not to be construed as specifications.

Additional Properties

Mould Shrinkage, Basell Test Method: 0.9 to 1.1 %
 Fogging, DIN 75201/B, 16h/100°C: 0.6 mg
 Odour, PV 3900 (VW-Norm), 2h/80°C, Note 1-6: 2.5
 C Emission, PV 3341 (VW-Norm), 5h/120°C: 17 µg/g

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

Release Date: 17 Feb 2009

