



Hostacom X M3 N07

Compounded Polyolefin

Product Description

Hostacom X M3 N07 is a 30% talcum reinforced copolymer with a very high stiffness for structural parts like instrument panel carriers. Material is available in black colour.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	Copolymer
Typical Customer Applications	Interior Applications, Instrument Panels

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.14 g/cm ³
Melt flow rate (MFR)	ISO 1133	
(230°C/2.16Kg)		3 g/10 min
(230°C/5.0kg)		18 g/10 min
Melt volume flow rate	ISO 1133	
(230°C/5.0kg)		19 cm ³ /10min
(230°C/2.16Kg)		3 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 Break (50 mm/min)	ISO 527-1, -2	16 %
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	4.5 %
Flexural modulus (Secant)	ISO 178	2800 MPa
Impact		
Charpy unnotched impact strength	ISO 179	
(23 °C, Type 1, Edgewise)		80 kJ/m ²
(-20 °C, Type 1, Edgewise)		30 kJ/m ²
Charpy notched impact strength	ISO 179	
(23 °C, Type 1, Edgewise, Notch A)		10 kJ/m ²
(0 °C, Type 1, Edgewise, Notch A)		5 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	60 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	116 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	61 °C

Notes

Typical properties; not to be construed as specifications.

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