

Basell - Hostacom X M3 T08 - Compounded Polyolefin



Hostacom X M3 T08

Compounded Polyolefin

Product Description

Hostacom X M3 T08 is 25% mineral filled copolymer. The grade features very high rigidity with good impact resistance. Typical customer applications are automotive instrument panel. The grade is UV-stabilized for interior automotive applications. Grade is available in custom colour, pellet form.

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.13	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	10	g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	11.0	cm ³ /10min
Mechanical			
Tensile Modulus (Secant)	ISO 527-1, -2	2200	MPa
Tensile Stress at Break (50 mm/min)	ISO 527-1, -2	15.0	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	20.0	MPa
Tensile Strain at Break (50 mm/min)	ISO 527-1, -2	22	%
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	2.7	%
Flexural modulus (Secant)	ISO 178	2100	MPa
Impact			
Charpy unnotched impact strength	ISO 179		
(-30 °C, Type 1, Edgewise)		46.0	kJ/m ²
(23 °C, Type 1, Edgewise)		No Break	kJ/m ²
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A, Complete Break)		15.5	kJ/m ²
(0 °C, Type 1, Edgewise, Notch A, Complete Break)		6.00	kJ/m ²
(-20 °C, Type 1, Edgewise, Notch A)		3.70	kJ/m ²
Hardness			
Ball indentation hardness (H 358/30)	ISO 2039-1	55.0	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	58.0	°C

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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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