

Hostacom X M3 N07

Polypropylene Copolymer

LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Talc,30% Filler by Weight		
Features	Copolymer		
	Ultra High Stiffness		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	3.0	g/10 min	
230°C/5.0 kg	18	g/10 min	
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	3.00	cm ³ /10min	
230°C/5.0 kg	19.0	cm ³ /10min	
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	60.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2500	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	4.5	%	
Break	16	%	
Flexural Modulus - Secant	2800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	5.0	kJ/m ²	
23°C	10	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	30	kJ/m ²	

23°C	80	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	116	°C	ISO 75-2/B
1.8 MPa, Unannealed	61.0	°C	ISO 75-2/A

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