

Hostacom X M3 T15

Polypropylene

LyondellBasell Industries

Message:

25% mineral filled elastomer modified PP. Medium flow, good toughness, high UV and scratch resistance. Used for instrument panels and consoles.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Toughness		
	Good UV Resistance		
	Medium Flow		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	7.00	cm ³ /10min	
230°C/5.0 kg	30.0	cm ³ /10min	
Molding Shrinkage	1.0 to 1.4	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D, 3 sec	62		
Shore D, 15 sec	60		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.0	kJ/m ²	
23°C	9.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	25	kJ/m ²	
23°C	55	kJ/m ²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	100	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A

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