

Hostacom T20H563 0907

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom T20H563 is a 20% talc filled homopolymer with basic stabilisation.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Additive	Unspecified Stabilizer		
Features	Good Stability		
	Homopolymer		
Uses	Automotive Applications		
	Automotive Under the Hood		
	Structural Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17 to 23	g/10 min	ISO 1133
Molding Shrinkage	0.70 to 1.4	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	3200	MPa	ISO 527-2
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	3400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	13	kJ/m ²	
23°C	35	kJ/m ²	
Notched Izod Impact Strength			ISO 180/1A
-30°C	2.0	kJ/m ²	
23°C	2.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	71.0	°C	ISO 75-2/A
Vicat Softening Temperature	104	°C	ISO 306/A50
CLTE - Flow (23 to 85°C)	8.0E-5	cm/cm/°C	DIN 53752
Flammability	Nominal Value	Unit	Test Method
Burning Rate	40	mm/min	FMVSS 302

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