

Hostacom X 437 100000

Polypropylene Homopolymer
LyondellBasell Industries

Message:

"Hostacom" X 437 100000 is a 20% mineral filled PP homopolymer with high flow, high stiffness and high heat ageing resistance. Used for heating and air conditioning units.

General Information	
Filler / Reinforcement	Mineral,20% Filler by Weight
Features	Good Heat Aging Resistance
	Good Stiffness
	High Flow
	Homopolymer
Uses	Appliances
	Automotive Under the Hood
	Structural Parts

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	14.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	82.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2600	MPa	ISO 527-2
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ISO 75-2/A

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