

Hostacom M4 W01 100000

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom M4 W01 100000 is a 40% mineralfilled polypropylene homopolymer with high flow for under bonnet applications. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Features	High Flow		
	Homopolymer		
Uses	Automotive Under the Hood		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	27.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	3700	MPa	ISO 527-2
Tensile Stress (Yield)	30.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/A50

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