

Hostacom X M2 U34 102942

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" X M2 U34 102942 is a 20% mineral filled PP homopolymer with high flow, high stiffness, low odour and high heat ageing stability. Used for heaters and air conditioning units. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Good Heat Aging Resistance		
	High Flow		
	High Stiffness		
	Homopolymer		
	Low to No Odor		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	11.5	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	95.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2900	MPa	ISO 527-2
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus - Secant	3100	MPa	ISO 178
Flexural Stress (3.5% Strain)	50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m ²	ISO 179/1eU
Impact Strength (23°C)	35.0	kJ/m ²	DIN 53453
Notched Izod Impact (23°C)	4.00	kJ/m ²	DIN 53453
Fogging - 16 hr (100°C)	6.0E-4	g	DIN 75201B
Emission - C ¹ (120°C)	< 50.0	µg/g	VW Norm PV 3341
Odor Rating ² (80°C)	3.00		VW Norm PV 3900
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A

Vicat Softening Temperature			
--	153	°C	ISO 306/A50
--	95.0	°C	ISO 306/B50
NOTE			
1.	5 hr		
2.	Note 1-6, 2 hr		

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