

Hostacom X M4 U34 102943

Polypropylene Homopolymer
LyondellBasell Industries

Message:

"Hostacom" X M4 U34 102943 is a 40% 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,40% Filler by Weight
Features	Good Heat Aging Resistance
	High Flow
	High Stiffness
	Homopolymer
	Low to No Odor
Uses	Automotive Applications
	Automotive Under the Hood
	Structural Parts

Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	11.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	100	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	4300	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	32.0	MPa	ISO 527-2
Flexural Modulus - Secant (23°C)	4600	MPa	ISO 178
Flexural Stress (3.5% Strain)	53.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m²	ISO 179/e
Charpy Unnotched Impact Strength (23°C)	25	kJ/m²	ISO 179/eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	85.0	°C	ISO 75-2/A

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

