

Hostacom M2 R19 L

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" M2 R19 L is a 23% mineral filled polypropylene copolymer. The product is designed for injection molding of washing machine parts and is available in natural color (color not specified). UL listing only in natural color. It is not intended for medical, pharmaceutical or drinking water applications.

General Information			
UL YellowCard	E31765-230632		
Filler / Reinforcement	Mineral,23% Filler by Weight		
Features	Copolymer		
	Good Thermal Aging Resistance		
	Medium Flow		
Uses	Appliance Components		
	White Goods & Small Appliances		
Agency Ratings	UL 94		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR)			ISO 1133
230°C/2.16 kg	5.00	cm ³ /10min	
230°C/5.0 kg	26.0	cm ³ /10min	
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	65.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	2500	MPa	ISO 527-2
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	4.0	%	
Break	> 20	%	
Flexural Modulus - Secant	2500	MPa	ISO 178
Flexural Stress (3.5% Strain)	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	2.5	kJ/m ²	
23°C	5.0	kJ/m ²	

Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	30	kJ/m ²	
23°C	65	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	62.0	°C	ISO 75-2/A
Vicat Softening Temperature	70.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, NC)	HB	UL 94	

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