

Hostacom M2 N01 L304698

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" M2 N01 L304698 is a 20% mineral filled polypropylene homopolymer The product is designed for injection molding of dishwasher parts and is available in a not color matched light grey color. UL listing only in grey. It is not intended for medical or pharmaceutical applications.

General Information			
UL YellowCard	E31765-230629	E229217-102275527	
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Detergent Resistant		
	Good Thermal Aging Resistance		
	Homopolymer		
	Low Flow		
Uses	Appliance Components		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	9.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	10.0	cm³/10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	85.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	2800	MPa	ISO 527-2
Tensile Stress (Yield)	36.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	5.0	%	
Break	> 15	%	
Flexural Modulus - Secant	2900	MPa	ISO 178
Flexural Stress (3.5% Strain)	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.0	kJ/m²	
23°C	4.5	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	25	kJ/m²	
23°C	50	kJ/m²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	115	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A
RTI Elec	65.0	°C	UL 746
RTI Imp	65.0	°C	UL 746
RTI Str	65.0	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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