

Hostacom M2 N42 L356015

Compounded Polyolefin

Product Description

"Hostacom M2 N42 L356015 is a mineral filled PP homopolymer, with low melt flow rate. Product is UL listed."

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Low melt flow rate.
Typical Customer Applications	Used for appliances.

Typical Properties	Method	Value	Unit
Physical			
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	9	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm ³
Mechanical			
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	5.0	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	3100	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	3000	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	37	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	55	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	4.5	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	95	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	68	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	115	°C
Other			
Flame Class (1.5 mm)	UL 94	HB	-
Flame Class (3.0 mm)	UL 94	HB	-

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

