Technical Data Sheet

Hostacom M2N42 L356015 GRY

Polypropylene Compounds

Product Description

Hostacom M2N42 L356015 GRY is a mineral filled PP homopolymer with low melt flow rate. Product is UL listed.

Regulatory Status

For regulatory compliance information, see *Hostacom* M2N42 L356015 GRY Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding
Attribute	Low Flow; UL Listed under File Numbers E86615 / E132739 / E31765

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (230 °C/5.0 kg)	8	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	3600	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	3150	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	36	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	7.5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	79	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	106	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	69	°C	ISO 75A-1, -2
Flammable			
Flame Rating - UL			
(1.5 mm)	HB		UL 94
(3.0 mm)	HB		UL 94

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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