

Hostacom M2 N42 L356001

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom M2 N42 L356001 is a mineral filled PP homopolymer with low melt flow rate.
Product is UL listed.

General

Uses	<ul style="list-style-type: none"> Electrical/Electronic Applications White Goods & Small Appliances
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	7.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/5.0 kg)	9.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	377000	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	5080	psi	ISO 527-2
Tensile Strain (Yield, 73°F)	5.0	%	ISO 527-2
Flexural Modulus ² (73°F)	435000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.9	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	31	ft·lb/in ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	239	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	154	°F	ISO 75-2/A
Vicat Softening Temperature	203	°F	ISO 306/B50

Disclaimer

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

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type 1A