

Technical Data Sheet

Hostacom M2 N42 L356001



Polypropylene Compounds

Product Description

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

Application	White Goods
Market	Electrical / Electronics
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	7	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	9	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	3400	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	3000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	37	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	4	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	55	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	95	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	68	°C	ISO 75A-1, -2

