

## 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.

<b>Application</b>	White Goods
<b>Market</b>	Electrical / Electronics
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Low Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Volume Flow Rate, (230 °C/5.0 kg)	8	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
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
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	7.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	79	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
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
<b>Flammable</b>			
Flame Rating - UL			
(1.5 mm)	HB		UL 94
(3.0 mm)	HB		UL 94