

## Technical Data Sheet

### Hostacom HYG 343L 356015



Polypropylene Compounds

#### Product Description

Hostacom HYG 343L 356015 is a glass fiber reinforced PP homopolymer, with very high melt flow rate. Product is UL listed.

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

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	31	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	30	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	1.25	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	9200	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	9400	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	114	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	2.5	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	2.2	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	8.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
(0 °C)	8	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	47	kJ/m <sup>2</sup>	ISO 179-1/1eU
(0 °C)	45	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Vicat Softening Temperature, (B50)	135	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	145	°C	ISO 75A-1, -2