

Technical Data Sheet

Hostacom HYG 343L 303613



Polypropylene Compounds

Product Description

Hostacom HYG 343L 303613 is a glass fiber reinforced PP homopolymer with very high 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/2.16 kg)	31	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	30	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.25	g/cm ³	ISO 1183-1/A
Mechanical			
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
Impact			
Charpy Impact Strength - Notched			
(23 °C)	8.5	kJ/m ²	ISO 179-1/1eA
(0 °C)	8	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	47	kJ/m ²	ISO 179-1/1eU
(0 °C)	45	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	135	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	145	°C	ISO 75A-1, -2

