

Technical Data Sheet

Hostacom G2 U42 L356015

Polypropylene Compounds

Product Description

Hostacom G2 U42 L356015 is a glass fiber reinforced PP homopolymer with medium melt flow rate.

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

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)	14	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	16.5	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)	4000	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4600	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	72	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	6	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	35	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	125	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	125	°C	ISO 75A-1, -2