

Technical Data Sheet

Hostacom M1 U13

Polypropylene Compounds



Product Description

Hostacom M1 U13 is a mineral filled PP homopolymer with medium melt flow rate.

Application	Appliances
Market	Electrical / Electronics
Processing Method	Injection Molding
Attribute	Good Moldability

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (230 °C/2.16 kg)	17	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	0.97	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2200	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
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	62	°C	ISO 75A-1, -2

