

Technical Data Sheet

Hostacom X M4 U16 201104



Polypropylene Compounds

Product Description

Hostacom X M4 U16 201104 is a mineral filled PP homopolymer with medium melt flow rate.

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)	13	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	12	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.27	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2600	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	2500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2.5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	59	°C	ISO 75A-1, -2