

Technical Data Sheet

Hostacom HKC 2163D NAT

Polypropylene Compounds



Product Description

Hostacom HKC 2163D NAT is a mineral filled PP compound with medium melt flow rate.

Application	Appliances
Market	Electrical / Electronics
Processing Method	Injection Molding
Attribute	Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	12	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2700	MPa	ISO 178
Tensile Modulus, (23 °C)	2600	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	33	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	3	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	45	kJ/m ²	ISO 179
(0 °C, Type 1, Edgewise)	25	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (B50)	90	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	113	°C	ISO 75B-1, -2

