

Technical Data Sheet

Hostacom PPH K2303 NAT



Polypropylene Compounds

Product Description

Hostacom PPH K2303 NAT is an unfilled 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 Volume Flow Rate, (230 °C/2.16 kg)	17	cm ³ /10 min	ISO 1133-1
Density	0.930	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	2000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	38	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7.0	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3.0	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	85	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	59.0	°C	ISO 75A-1, -2
Electrical			
Volume Resistivity	>1.0E+15	ohm*cm	IEC 93
Surface Resistivity	> 1.0E+15	ohm	IEC 93
Flammable			
Flame Rating - UL			
(1.5 mm)	HB		UL 94
(3.0 mm)	HB		UL 94