

Technical Data Sheet

Hostacom HKP 2034D NAT



Polypropylene Compounds

Product Description

Hostacom HKP 2034D NAT is a mixed filler grade 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)	11	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)	1.1	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	3500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3.1	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	15	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	105	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	141	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	85	°C	ISO 75A-1, -2