

Technical Data Sheet

Hostacom HBC 309 NAT



Polypropylene Compounds

Product Description

Hostacom HBC 309 NAT is a mineral filled PP homopolymer with medium melt flow rate.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Appliances; White Goods
Market	Automotive
Processing Method	Injection Molding
Attribute	Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	13.9	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	13.3	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.22	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	4100	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	32	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	4	%	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)	26	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	90	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	70	°C	ISO 75A-1, -2