

Technical Data Sheet

Hostacom HKC 2199R BLACK



Polypropylene Compounds

Product Description

Hostacom HKC 2199R BLACK is a 20% mineral filled PP homopolymer with medium melt flow rate.

The grade is being in development. Product is not yet UL certified. This is a preliminary datasheet subjected to changes after product industrialization.

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

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)	9	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	10	cm ³ /10 min	ISO 1133-1
Density	1.06	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)	4	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	40	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	151	°C	ISO 306
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	63	°C	ISO 75A-1, -2
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	112	°C	ISO 75B-1, -2

