

Technical Data Sheet

Hostacom HKC 5054D C11504



Polypropylene Compounds

Product Description

Hostacom HKC 5054D C11504 is a mineral filled PP homopolymer with medium melt flow rate. Product is not UL listed.

This is a preliminary datasheet subjected to changes after product industrialization.

Regulatory Status

This grade is not intended for medical, pharmaceutical, food 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)	10.5	g/10 min	ISO 1133-1
Density, (23 °C)	1.15	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	3400	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	3300	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	4.0	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	28	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	92	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	70	°C	ISO 75A-1, -2