

Technical Data Sheet

Hostacom HKC 642X BLACK



Polypropylene Compounds

Product Description

Hostacom HKC 642X BLACK is a 40% talc filled polypropylene, with high melt flow rate, high stiffness, and good heat aging resistance. Product is available as non color matched, black, pellet form.

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

Application	Automotive Parts; Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Heat Aging Resistance; High Flow; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ISO 1133-1
Density, (23 °C)	1.24	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	4500	MPa	ISO 178
Tensile Stress at Yield	32	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	2.5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	133	°C	ISO 75B-1, -2