

Technical Data Sheet

Hostacom 5110 2003 (SC BLACK)



Polypropylene Compounds

Product Description

Hostacom 5110 2003 is a reinforced polypropylene compound, with medium melt flow rate offering a good stiffness over a wide range of temperature. 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
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Heat Aging Resistance; Good Stiffness; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7	g/10 min	ISO 1133-1
Density, (23 °C)	1.14	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus	4500	MPa	ISO 178
Tensile Stress at Yield	45.5	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	3.8	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	145	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	101	°C	ISO 75A-1, -2