

Technical Data Sheet

Hostacom 1103 NATURAL



Polypropylene Compounds

Product Description

Hostacom 1103 NATURAL is a 20% talc filled PP homopolymer, with medium melt flow rate, good stiffness, and good thermal resistance.

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

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Stiffness; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	2800	MPa	ISO 178
Tensile Stress at Yield	33	MPa	ISO 527-1, -2
Tensile Strain at Break	20	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	3.5	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	120	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	70	°C	ISO 75A-1, -2