

Technical Data Sheet

Hostacom HRC 2102T BLACK



Polypropylene Compounds

Product Description

Hostacom HRC 2102T BLACK is a 10% talc filled PP homopolymer, with high flowability, high stiffness and dimensional stability. This grade being in development. This is a preliminary datasheet subjected to changes after product industrialisation.

Regulatory Status

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; High Flow; High Stiffness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	0,97	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2600	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	35	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (B50)	95	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	65	°C	ISO 75A-1, -2

