

Technical Data Sheet

Hostacom M2 N01 102942

Polypropylene Compounds

Product Description

Hostacom M2 N01 102942 is a 20% talc filled PP homopolymer, with low melt flow rate and good stiffness. The product is available in black color, pellet form. This grade is delivered in 102942 color version.

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

Application	Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	9	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/5.0 kg)	10	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2700	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	32	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	55	kJ/m ²	ISO 179-1/1eU
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