Technical Data Sheet

Hostacom M2 U02 102942

Polypropylene Compounds

Product Description

Hostacom M2 U02 102942 is a 20% talc filled PP homopolymer, with high stiffness and dimensional stability. The product is available as a customized color matched, pellet form. This grade is delivered in 102942 color version.

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

Application	Automotive Parts
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	13	cm³/10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2600	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	32	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	95	°C	ISO 306
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	120	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	70	°C	ISO 75A-1, -2