

Technical Data Sheet

Hostacom M4 U02

Polypropylene Compounds



Product Description

Hostacom M4 U02 is a 40% talc filled PP homopolymer, with high melt flow rate, high stiffness and excellent dimensional stability. The product is available as natural, pellet form.

Application Automotive Parts

Market Automotive

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	15	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.21	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	4000	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	31	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2.5	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	25	kJ/m ²	ISO 179-1/1eU
(0 °C)	14	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	75	°C	ISO 75A-1, -2

