



Hostacom M4 U02

Compounded Polyolefin

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.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	High melt flow rate, stiffness, dimensional stability.
Typical Customer Applications	Used for standard applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	15	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	15	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.21	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	4000	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	31	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	25	kJ/m ²
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	14	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	75	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	125	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

