



Hostacom M2 T02

Compounded Polyolefin

Product Description

Hostacom M2 T02 is a 20% mineral filled PP homopolymer with high flow, good stiffness and high heat resistance. It is not intended for medical, pharmaceutical or drinking water applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Latin America
Features	High Flow , Medium Heat Resistance , Homopolymer, Good Stiffness
Typical Customer Applications	Under-the-Hood & Structural Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm³
Melt flow rate (MFR) (230°C/2.16kg) (230°C/5.0kg)	ISO 1133	6.0 g/10 min 26 g/10 min
Melt volume flow rate (230°C/2.16kg) (230°C/5.0kg)	ISO 1133	7.0 cm³/10min 30 cm³/10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	2700 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	33 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	6 %
Flexural modulus (Secant)	ISO 178	2900 MPa
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	40 kJ/m²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	4.0 kJ/m²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	90 MPa
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	74 °C

Additional Properties

Impact Strength at 23°C, DIN 53453: 25 kJ/m²
 Notched Impact Strength, DIN 53453, 23°C: 3.5 kJ/m²
 Mould Shrinkage, Basell Test Method: 0.9 to 1.1 %

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

Equistar Chemicals, LP
 Basell Sales & Marketing Company B.V.
 Basell Asia Pacific Limited
 Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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