



Hostacom M2 U01 102942

Compounded Polyolefin

Product Description

Hostacom M2 U01 102942 is a 20% talc filled PP homopolymer, with high flowability and good LTHS (long term heat stability). Please contact Lyondellbasell for shrinkage recommendations. The product is available in different 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.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, LTHS (long term heat stability).
Typical Customer Applications	Used for automotive under-the-hood.

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	18	cm ³ /10 min
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	67	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	78	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.05	g/cm ³
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2700	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	2600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	33	MPa
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	32	kJ/m ²
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	18	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	2.5	kJ/m ²
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	1.5	kJ/m ²

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.

