

Hostacom X 437 S 100000

Compounded Polyolefin

Product Description

Hostacom X 437 S 100000 is a 20% talc filled PP homopolymer, with high flowability, high stiffness and high LTHS (long term heat stability). The product is available in black color, pellet form.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, stiffness, LTHS (long term heat stability).
Typical Customer Applications	Used for automotive heating and air conditioning parts.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	14	cm ³ /10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	2600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	32	MPa
Ball Indentation Hardness (358 N)	ISO 2039-1	82	N/mm ²
Impact			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	35	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	70	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	120	°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.

