



## Hostacom X 437 100000

### Compounded Polyolefin

#### Product Description

Hostacom X 437 100000 is a 20% talc filled PP homopolymer, with high melt flow rate, high stiffness and high thermal resistance. This grade is delivered in black color version.

*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, thermal resistance.
Typical Customer Applications	Used for heating and air conditioning units.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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 <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	1.06	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	2600	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	32	MPa
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	35	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	3	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.

