

Hostacom TRC 427D 303612

Compounded Polyolefin

Product Description

Hostacom TRC 427D 303612 is a mineral filled elastomer modified PP, with high melt flow rate.

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.
Typical Customer Applications	Used for appliances.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	16	g/10 min
Density (23 °C)	ISO 1183-1/A	1.13	g/cm ³
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	15	cm ³ /10 min
Mechanical			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1900	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	21	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	1850	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	5.5	%
Impact			
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	45	kJ/m ²
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	4.5	kJ/m ²
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	20	kJ/m ²
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	>100	kJ/m ²
Thermal			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	50	°C
Vicat Softening Temperature B (50 N)	ISO 306	50	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	95	°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.

