

Hostacom ERC 487N C12827

Compounded Polyolefin

Product Description

Hostacom ERC 487N C12827 is a less than 5% talc filled PP copolymer, with excellent flowability, high stiffness, high dimensional stability and excellent scratch resistance. The product is also available as a customized color matched, pellet form. It has been designed using the latest advancements in resin synthesis and compounding technology. This grade is delivered in C12827 color version.

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	0
Typical Customer Applications	High stiffness, excellent dimensional stability.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	20	g/10 min
Density (23 °C)	ISO 1183-1/A	0.95	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	25	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1800	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	5	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	2	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	101	°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 affect the quality of this product
- Keep material completely dry for good processing.

