



Hostacom ERC 342N C12507

Compounded Polyolefin

IMDS Number:

19524188

Product Description

Hostacom ERC 342N C12507 is a 10% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance, excellent scratch resistance and outstanding blooming resistance at elevated temperatures. Product is available as a customized color matched, pellet form. This grade is delivered in C12507 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	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Impact/stiffness balance, scratch resistance, blooming resistance at elevated temperatures.	
Typical Customer Applications	Used for indoor/interior applications.	

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	19	g/10 min
Density (23 °C)	ISO 1183-1/A	0.97	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	21	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1600	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	16	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	3.2	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	135	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	50	°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.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.