

Hostacom ERC 342N C12507

Polypropylene Copolymer
LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Talc filler, 10% filler by weight		
Features	Low blur phenomenon		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good liquidity		
	Scratch resistance		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.970	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1600	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.2	kJ/m ²	ISO 179/1eA
23°C	16	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	135	°C	ISO 306/A
NOTE			

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Recommended distributors for this material

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