

Hostacom ERC 213N C12716

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom ERC 213N C12716 is a 15% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance and increased scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12716 color version. This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 15% filler by weight		
Features	Rigid, good		
	Copolymer		
	High scratch resistance		
	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)	1.02	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.5	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	1650	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	2.5	kJ/m ²	ISO 179/1eA
23°C	40	kJ/m ²	ISO 179/1eA
Notched Izod Impact			ISO 180/1A
-40°C	3.0	kJ/m ²	ISO 180/1A
23°C	35	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
NOTE			
1.	1.0 mm/min		

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