

Hostacom ERC 161N C12616

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom ERC 161N is a 16% talc filled PP copolymer, with excellent flowability, good stiffness and good scratch resistance. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected. For regulatory compliance information, see Hostacom ERC 161N C12616 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS). This grade is not intended for medical, pharmaceutical, food and drinking water applications.

General Information			
Filler / Reinforcement	Talc filler, 16% filler by weight		
Features	Rigidity, high		
	Rigid, good		
	Copolymer		
	Good liquidity		
	High liquidity		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car interior equipment		
Appearance	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.01	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	2200	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	2.2	kJ/m²	ISO 179/1eA
23°C	5.0	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	64.0	°C	ISO 75-2/A
NOTE			
1.	1.0 mm/min		

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