

Hostacom ERC 161N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom ERC 161N is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, good scratch resistance, low odor and excellent flowability properties with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts. The grade is available in color-matched, pellet form.

General Information			
Filler / Reinforcement	Mineral, 15% Filler by Weight		
Features	Copolymer		
	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Low to No Odor		
Uses	Scratch Resistant		
	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2300	MPa	ISO 527-2
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	2.5	kJ/m ²	
23°C	5.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	116	°C	ISO 75-2/B
1.8 MPa, Unannealed	64.0	°C	ISO 75-2/A

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