

# Hostacom ERC 161N NATRL

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom ERC 161N NATRL is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness, good scratch resistance and good flowability with good impact and dimensional stability. This grade is typically used for molding of automotive interior trim parts. For regulatory compliance information, see Hostacom ERC 161N NATRL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Filler / Reinforcement	Mineral filler, 15% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good liquidity		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car interior parts		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	28.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2380	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-30°C	2.4	kJ/m <sup>2</sup>	ISO 180
23°C	5.4	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	110	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A

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