

Hostacom ERC 236N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom ERC 236N is a UV stabilised, 18 % mineral filled polypropylene copolymer for injection moulding. It combines a good flowability with good stiffness/impact properties. 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,18% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Good UV Resistance		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	2.5	kJ/m²	
23°C	15	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	95.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A

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