

Hostacom ERC 342N E1

Polypropylene

LyondellBasell Industries

Message:

Hostacom ERC 342N NAT is a 10% mineral filled, impact modified grade for interior applications with excellent impact/stiffness balance, good flowability properties and very good scratch resistance. It has an outstanding blooming resistance at elevated temperatures and also low odour and low carbon emissions. The grade is available in natural and coloured, pellet form.

General Information			
Filler / Reinforcement	Mineral, 10% Filler by Weight		
Additive	Impact Modifier		
Features	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Impact Modified		
	Low Emissions		
	Low to No Odor		
	Non-Blooming		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.0	MPa	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.2	kJ/m ²	
23°C	16	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	135	°C	ISO 306/A50
NOTE			
1.	2.0 mm/min		

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