

Hostacom ERC 1218N Natural

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom ERC 1218N Natural is a 8% mineral filled, polypropylene copolymer for injection molding. It combines low density with excellent stiffness, scratch resistance, flowability, good impact and dimensional stability. It is typically used for molding of automotive interior trim parts. For regulatory compliance information, see Hostacom ERC 1218N Natural Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Filler / Reinforcement	Mineral filler, 8.0% filler by weight		
Features	Good dimensional stability		
	Low density		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good liquidity		
	Scratch resistance		
Uses	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.950	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	2.5	kJ/m ²	ISO 179
23°C	5.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B

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