

Hostacom ERC 161Y

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom ERC 161Y is a 15% mineral filled, polypropylene copolymer compound for injection molding. The grade is designed for fully painted applications, primarily for automotive interior trim parts. It combines excellent stiffness with good impact, flowability properties, and good dimensional stability.

General Information			
Filler / Reinforcement	Mineral filler, 15% filler by weight		
Features	Good dimensional stability		
	Rigidity, high		
	Copolymer		
	Impact resistance, good		
	Sprayable		
Uses	Good liquidity		
	Application in Automobile Field		
	Car interior parts		
Processing Method	Car interior equipment		
	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	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2
Flexural Modulus (23°C)	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	3.0	kJ/m ²	ISO 179
23°C	6.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	63.0	°C	ISO 75-2/A

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