

Hostacom ERC 161Y NATURAL

LyondellBasell Industries - Polypropylene

General Information

Product Description

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

General

Uses	<ul style="list-style-type: none"> Automotive Applications Automotive Interior Parts
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	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, 73°F)	4060	psi	ISO 527-2
Flexural Modulus (73°F)	348000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	1.4	ft·lb/in ²	
73°F	2.9	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
264 psi, Unannealed	145	°F	