

Hostacom ERC 1122N NATURAL

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom ERC 1122N NATURAL is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness, scratch resistance and flowability with good impact and dimensional stability. It is typically used for molding of automotive interior trim parts.

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)	15	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)	345000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	1.2	ft-lb/in ²	
73°F	3.3	ft-lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	230	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	140	°F	ISO 75-2/A