



# Hostacom ERC 1218N Natural

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

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.

### General

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

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.950	g/cm <sup>3</sup>	ISO 1183
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, 73°F)	3920	psi	ISO 527-2
Flexural Modulus (73°F)	305000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
	-22°F	1.2	ft-lb/in <sup>2</sup>
	73°F	2.4	ft-lb/in <sup>2</sup>
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ISO 75-2/B