



# CirculenRecover PPC ERC 161N 103H Black

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

CirculenRecover PPC ERC 161N 103H Black is a 15% mineral filled, polypropylene copolymer for injection molding that contains recycled polypropylene resin. It combines excellent stiffness, good scratch resistance and good flowability with good impact and dimensional stability. This grade 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)	1.02	g/cm <sup>3</sup>	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)	3920	psi	ISO 527-2
Flexural Modulus (73°F)	334000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	1.4	ft·lb/in <sup>2</sup>	
73°F	3.3	ft·lb/in <sup>2</sup>	
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