



# CirculenRecover PPC TYC 1348P GXH Black

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

CirculenRecover PPC TYC 1348P GXH Black is a mineral filled thermoplastic polyolefin (TPO) resin, which contains recycled polypropylene resins. It has good stiffness and excellent cold temperature impact. It is typically used for mold-in color exterior trim and fascia applications.

### General

Features	<ul style="list-style-type: none"> <li>• Good Dimensional Stability</li> <li>• Good Flow</li> </ul>	<ul style="list-style-type: none"> <li>• Good Impact Resistance</li> <li>• Good Moldability</li> </ul>	<ul style="list-style-type: none"> <li>• High Stiffness</li> <li>• Low Shrinkage</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Automotive Applications</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive Bumper</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive Exterior 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	0.990	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	2760	psi	ISO 527-2
Flexural Modulus	232000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	2.4	ft·lb/in <sup>2</sup>	
73°F	21	ft·lb/in <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	194	°F	ISO 75-2/B