



# CirculenRecover PPC TRC 1193N TX7 Black

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

CirculenRecover PPC TRC 1193N TX7 Black is a high melt flow, high stiffness, thermoplastic polyolefin (TPO) resin, which contains recycled polypropylene resins. It has an excellent balance of processability, rigidity, impact, scratch and mar resistance. It is typically used for injection molding of Instrumental Panels and other interior trim parts or components with good surface appearance properties.

### General

Features	<ul style="list-style-type: none"> <li>• Excellent Processability</li> <li>• Good Moldability</li> <li>• Good Scratch Resistance</li> </ul>	<ul style="list-style-type: none"> <li>• High Flow</li> <li>• High Impact Resistance</li> <li>• High Rigidity</li> </ul>	<ul style="list-style-type: none"> <li>• Low Density</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Automotive Applications</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive Instrument Panel</li> </ul>	<ul style="list-style-type: none"> <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)	1.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2760	psi	ISO 527-2
Flexural Modulus	261000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°F	1.9	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)	203	°F	ISO 75-2/B