

CirculenRecover PPC TRC 1193N Natural

LyondellBasell Industries - Polypropylene

General Information

Product Description

CirculenRecover PPC TRC 1193N Natural is a mineral filled, high stiffness, high impact, 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"> • Excellent Processability • Good Moldability • Good Scratch Resistance 	<ul style="list-style-type: none"> • High Flow • High Impact Resistance • High Rigidity 	<ul style="list-style-type: none"> • Low Density
Uses	<ul style="list-style-type: none"> • Automotive Applications 	<ul style="list-style-type: none"> • Automotive Instrument Panel 	<ul style="list-style-type: none"> • Automotive Interior Parts
Processing Method	<ul style="list-style-type: none"> • Injection Molding 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2900	psi	ISO 527-2
Flexural Modulus	276000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	24	ft·lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	208	°F	ISO 75-2/B