



CirculenRecover PPC TYC 1351X Bk

LyondellBasell Industries - Polypropylene

General Information

Product Description

CirculenRecover PPC TYC 1351X Bk is a mineral filled thermoplastic polyolefin (TPO) resin, which contains recycled polypropylene resins. It has low density, good stiffness and excellent cold temperature impact. It is typically used for fully painted exterior trim and fascia applications.

General

Recycled Content	• Yes		
Features	• Good Dimensional Stability • Good Flow	• Good Impact Resistance • Good Moldability	• High Stiffness • Low Density
Uses	• Automotive Applications	• Automotive Bumper	• Automotive Exterior Parts
Processing Method	• Injection Molding		

Properties¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.955	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	3050	psi	ISO 527-2
Flexural Modulus (73°F)	232000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	21	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	207	°F	ISO 75-2/B