

Technical Data Sheet

CirculenRecover PPC TRC 2309P E C11544



Polypropylene Compounds

Product Description

CirculenRecover PPC TRC 2309P E is a 15% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance, good UV resistance and very good surface appearance.

Formula is improved to offer better aspect, especially on tiger stripes.

Sustainability

According with the requirements of Standard ISO 14021:2016, this material contains at least 15% of recycled material that is fully based on Pre-Consumer Waste from material diverted from waste stream during the manufacturing process.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Excellent Processability; Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Flow; Good Stiffness; Good Surface Finish; Impact Modified; Low Temperature Impact Resistance; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1550	MPa	ISO 178/A1
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m²	ISO 180/1A
(-20 °C)	6	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2