

Technical Data Sheet

CirculenRecover PPC TYC 1235P E C11538



Polypropylene Compounds

Product Description

CirculenRecover PPC TYC 1235P E C11538 is a Circular Compound, formulated on mechanical recycled sourcing.

It is a talc filled PP copolymer compound, with very good flowability, good impact/stiffness balance and good UV resistance. This grade is delivered in customer customized colors.

The grade being in development this is a preliminary datasheet subjected to change after product industrialization.

Sustainability

According with the requirements of Standard ISO 14021:2016, this material contains 20% 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; Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Processability; Good Stiffness/Impact Balance; Good Surface Finish; High Flow; 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)	25	g/10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2150	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	30	MPa	ISO 178/A1
Impact			
Notched Izod Impact Strength			
(23 °C)	27	kJ/m ²	ISO 180/1A
(-30 °C)	3	kJ/m ²	ISO 180/1A