

Technical Data Sheet

CirculenRecover PPC TYC 1123P E C11287



Polypropylene Compounds

Product Description

CirculenRecover PPC TYC 1123P E is a Circular Compound, formulated on mechanical recycled sourcing. It is a 17% talc filled PP copolymer compound, with high melt flow rate, high impact resistance, good stiffness, good processability, improved surface appearance and good scratch resistance. This grade is delivered in customer customized colors.

Sustainability

According with the requirements of Standard ISO 14021:2016, this material contains 25% 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)	23	g/10 min	ISO 1133-1
Density, (23 °C)	1,02	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1400	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	22	MPa	ISO 178/A1
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180/1A
(-30 °C)	4	kJ/m ²	ISO 180/1A