

Technical Data Sheet

CirculenRecover PPC TYC 1123X E BLACK



Polypropylene Compounds

Product Description

CirculenRecover PPC TYC 1123X E Black is a Circular Compound, formulated on mechanical recycled sourcing. It is a talc filled PP copolymer compound, with very good flowability and good impact/stiffness balance.

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 Dimensional Stability; Good Processability; Good Stiffness/Impact Balance; High Flow; Impact Modified; Low Temperature Impact Resistance

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)	1450	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