

Technical Data Sheet

CirculenRecover PPC EKG 2268T E BLACK



Polypropylene Compounds

Product Description

CirculenRecover PPC EKG 2268T E BLACK is a Circular Compound, formulated on mechanical recycled sourcing. It is a 30% glass fiber reinforced PP, with low flowability and high stiffness. The product is available in black color, pellet form.

Sustainability

According with the requirements of Standard ISO 14021:2016, CirculenRecover PPC EKG 2268T E BLACK contains at least 60% 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; Underhood
Processing Method	Injection Molding
Attribute	High Stiffness; Low Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density, (23 °C)	1.13	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	6300	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	80	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	9	kJ/m ²	ISO 179-1/1eA
(-30 °C)	6	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	40	kJ/m ²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	135	°C	ISO 75A-1, -2