

Technical Data Sheet

CirculenRecover PPC EKC 2269T E BLACK



Polypropylene Compounds

Product Description

CirculenRecover PPC EKC 2269T E BLACK is a Circular Compound, formulated on mechanical recycled sourcing. It is a 20% talc filled PP, with medium melt flow rate and good stiffness. The product is available in black color, pellet form.

Sustainability

According with the requirements of Standard ISO 14021:2016, CirculenRecover PPC EKC 2269T E BLACK contains 70% 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; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	2200	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	30	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	2,5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	30	kJ/m²	ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	60	°C	ISO 75A-1, -2