Technical Data Sheet

CirculenRecover PPC PPU X9067HS C12A19

Polypropylene Compounds

Product Description

CirculenRecover PPC PPU X9067HS C12A19 with recycling content is a Circular Compound, formulated on mechanical recycled sourcing. It is an unfilled PP copolymer, with high melt flow rate, high toughness and increased stiffness.This grade is delivered in C12A19 color version. New colors can be developed depending on customer requirements.

Sustainability

According with the requirements of Standard ISO 14021:2016, *CirculenRecover* PPC PPU X9067HS C12A19 contains approx. 30% of recycled material (GK3 material according VW 50026, Oct 2020) 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; Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Crystalline; High Stiffness; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	0.91	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1350	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	25	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	10	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (A50)	145	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	52	°C	ISO 75A-1, -2