Technical Data Sheet

CirculenRecover PPC EKC 330N E1 C12A19

Polypropylene Compounds

Product Description

CirculenRecover PPC EKC 330N E1 C12A19 with recycling content is a Circular Compound, formulated on mechanical recycled sourcing. It is an 16% talc filled PP copolymer, with excellent impact/stiffness balance, good flowability, good scratch resistance and outstanding blooming resistance at elevated temperatures.
Product is available as a customized color matched, pellet form. This grade is delivered in C12A19 color version.

Sustainability

According with the requirements of Standard ISO 14021:2016, *CirculenRecover* PPC EKC 330N E1 C12A19 contains approx. 35% 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	Excellent Processability; Good Processability; High Impact Resistance; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1700	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	25	kJ/m²	ISO 179-1/1eA
(-30 °C)	2.5	kJ/m²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	53	°C	ISO 75A-1, -2