Technical Data Sheet

CirculenRecover PPC TRC 4352N C11306

Polypropylene Compounds

Product Description

CirculenRecover PPC TRC 4352N C11306 with recycling content is a Circular Compound, formulated on mechanical recycled sourcing. It is an 20% 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, Experimental *CirculenRecover* PPC TRC 4352N C11306 contains approx. 30% of recycled material (GK4 material according VW 50026, Oct 2020) that is fully based on Post-Consumer Waste.

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	Good Moldability; High Impact Resistance; Non Blooming; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1800	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			
Vicat Softening Temperature, (A50)	130	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	51	°C	ISO 75A-1, -2