

Technical Data Sheet

CirculenRecover PPC TKC 2409P E1 C11306



Polypropylene Compounds

Product Description

Experimental *CirculenRecover* PPC TKC 2409P E1 C11306 with recycling content is a Circular Compound, formulated on mechanical recycled sourcing. It is an 15% talc filled PP copolymer, with excellent impact/stiffness balance and good flowability. Product is available in C11306 color, pellet form.

Sustainability

According with the requirements of Standard ISO 14021:2016, Experimental *CirculenRecover* PPC TKC 2409P E1 C11306 contains approx. 20% 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.

The grade being in industrialization, this is a preliminary datasheet subjected to changes after final product industrialization.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flow; Good Processability; Good UV Resistance

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)	1.01	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1700	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m²	ISO 179-1/1eA
(-30 °C)	4.0	kJ/m²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	125	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	93	°C	ISO 75B-1, -2