

Technical Data Sheet

CirculenRecover PPC TKG 317N C12A19



Polypropylene Compounds

Product Description

Experimental CirculenRecover PPC TKG 317N C12A19 is a 25% glass fiber reinforced PP copolymer, with high dimensional stability, good surface appearance, low gloss, high stiffness and excellent scratch resistance. Product is available as a customized color matched, pellet form. Please contact LyondellBasell for shrinkage recommendations. This grade is delivered in C11306 color version.

Sustainability

According with the requirements of Standard ISO 14021:2016, *Experimental CirculenRecover* PPC TKG 317N 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.

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

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 Processability; High Impact Resistance; High Stiffness; Noise Damping; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	63	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	10	kJ/m²	ISO 179-1/1eA
(-30 °C)	7.5	kJ/m²	ISO 179-1/1eA