

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.

REGULATORY STATUS OF THIS GRADE IS UNDER INVESTIGATION

Regulatory Status

For regulatory compliance information, see CirculenRecover PPC EKC 330N E1 C12A19 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Availability	Europe
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/cm ³	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/m ²	ISO 179-1/1eA
(-30 °C)	2.5	kJ/m ²	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

Notes

These are typical property values not to be construed as specification limits.

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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