

Technical Data Sheet

CirculenRecover PPC TYC 1235P E C11538



Polypropylene Compounds

Product Description

CirculenRecover PPC TYC 1235P E C11538 is a Circular Compound, formulated on mechanical recycled sourcing.

It is a talc filled PP copolymer compound, with very good flowability, good impact/stiffness balance and good UV resistance. This grade is delivered in customer customized colors.

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

Sustainability

According with the requirements of Standard ISO 14021:2016, this material contains 20% of recycled material 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.

Status	Developmental
Availability	Europe
Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Ductile; Good Abrasion Resistance; Good Color Stability; Good Dimensional Stability; Good Processability; Good Stiffness/Impact Balance; Good Surface Finish; High Flow; Impact Modified; Low Temperature Impact Resistance; Scratch Resistant; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2150	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	30	MPa	ISO 178/A1
Impact			
Notched Izod Impact Strength			
(23 °C)	27	kJ/m ²	ISO 180/1A
(-30 °C)	3	kJ/m ²	ISO 180/1A

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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