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Technical Data Sheet

Versalis Revive® PS RT 33010

Product description

Versalis Revive® PS RT 33010 is a new grade of Versalis' Polystyrene portfolio. Following the circular economy approach, Versalis Revive® PS RT 33010 has been developed for a new era of sustainable HIPS: it contains at least 30% of PCR (Post consumer recycle) secondary raw material coming from separate household plastics waste collection system.

The specific grey shade 33010 (Versalis code) is specially developed for Electrical & Electronics sector.

Technical data

Properties	Test conditions	Methods	Units	Values
Density	-	ISO 1183	g/cm ³	1,04
Melt Flow Rate	200 °C – 5 kg	ISO 1133	g/10'	8
Izod impact strength, notched	23 °C – thickness 4 mm	ISO 180/1A	kJ/m ²	6
Vicat softening temperature	50 N – 50 °C/h	ISO 306	°C	88

Application

Versalis Revive® PS RT 33010 is suitable for injection moulding. This grade is recommended for Electrical & Electronics.

Processing

Versalis Revive® PS RT 33010 can be processed with standard injection moulding equipment using very similar processing conditions to those suggested for conventional products:

- Predrying normally not required
- Melt temperature 210 - 260 °C
- Mould temperature 20 - 60°C

General information

This product is available for sampling and testing. For further information concerning storage, packaging and processing precautions please contact Versalis directly.

All indicated data refer to natural grades.

The data, information and suggestions are provided for guidance purposes only.

The Company accepts no responsibility for the results obtained therefrom, as neither for their utilization in infringement of possible patent rights.

On the subject of the experimental product the Company reserves the right to change without prewarning the characteristics to optimize the performance and the cost.

This Sheet is valid for six months from the revision date.

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