

Technical Data Sheet

Versalis Revive® PS Air F – Series Forever

Product description

Versalis Revive® PS Air F – Series Forever is the new grade of Versalis' Polystyrene portfolio. Following the circular economy approach Versalis Revive® PS Air F – Series Forever has been developed for a new era of sustainable GPPS: it contains the 75% of secondary raw material. Versalis recommend mixing PS Air F – Series Forever with virgin Edistir® GPPS to reach the target percent of recycled material in the final good. The color, as well as the transparency of Versalis Revive® PS Air F – Series Forever may change depending on the secondary raw material.

Technical data

Properties	Test conditions	Methods	Units	Values
Density	-	ISO 1183	g/cm ³	1,05
Melt Flow Rate	200 °C – 5 kg	ISO 1133	g/10'	4,5
Vicat softening Temperature	50 N – 50 °C/h	ISO 306/B	°C	93

Application

Versalis Revive® PS Air F – Series Forever is recommended for Direct-gasing applications and for the production of insulated panels (XPS sector).

Versalis Revive® PS Air F – Series Forever is not suitable for food contact applications.

Processing

Versalis Revive® PS Air F – Series Forever can be processed with standard extrusion equipment using very similar processing conditions to those used for conventional products:

- Melt temperature 210 - 240 °C

Versalis Revive® PS Air F – Series Forever can be injection-moulded to produce shaped articles:

- Predrying normally not required
- Melt temperature 220 - 270 °C
- Suggested temperature around 240 °C
- Mould temperature 20 - 60 °C

