



Provisional Technical Data Sheet

Refence® PS

PS Air – Series Forever

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

Main 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

Main Applications

Refence® PS Air – Series Forever is recommended for Direct-gasing applications.

Refence® PS Air – Series Forever is suitable for direct food contact applications.

Processing

Refence® PS Air – 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

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

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

Storage and General information

Store away from atmospheric agents and direct sunlight, away from sources of heat and light.

The product, if stored correctly, keeps its characteristics for at least fifteen months.

This product is available for sales.

