



Provisional Technical Data Sheet

Refence®

PS

PS Land – Series Forever

High Impact Polystyrene

Refence® PS Land – Series Forever is the new grade of Versalis' Polystyrene portfolio especially designed for direct food contact applications. Following the circular economy approach Refence® PS Land – Series Forever has been developed for a new era of sustainable HIPS: it contains the 75% of secondary raw material. Versalis recommend mixing Refence® PS Land – Series Forever with virgin Edistir® HIPS to reach the target percent of recycled material in the final good. The color 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
Izod impact strength, notched	23 °C – thickness 4 mm	ISO 180/1A	kJ/m ²	6

Main Applications

Refence® PS Land – Series Forever is suitable for extrusion/thermoforming and injection moulding. This grade is recommended for packaging.

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

Processing

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

- Predrying normally not required
- Melt temperature 210 - 240 °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.

