



Technical Data Sheet



Expandable Polystyrene

Versalis Revive® EPS 3000

EPS

Following the circular economy approach, Versalis Revive® EPS 3000 has been developed for a new era of sustainable packaging: it contains 35% of post-consumer EPS coming from food packaging, household appliance packaging and seedtrays in accordance with UNI 10667/10 and certified Plastica Seconda Vita (PSV).

Main Properties	Unit	Typical Value
Bulk density	kg/m ³	590 - 630
Particle size	mm	0,7 - 1,1
Pentane content	%p	< 6
Minimum apparent density		
• after one expansion	kg/m ³	18
• after two expansions	kg/m ³	15
Density range normally used	kg/m ³	15 - 30

Key Features

Versalis Revive® EPS 3000 has the same performances of the standard EPS grades for packaging. The narrow bead size distribution leads to good filling of the molds and allows to obtain a very smooth surface. The colour of the raw material may change depending on the secondary raw material, once expanded the color will be pearl white.

Main Applications

Protective packaging & Industrial packaging. It cannot be used for food contact applications.

Processing

Versalis Revive® EPS 3000 can be processed with standard equipments using similar processing conditions to those applied for conventional products.

Versalis Revive® EPS 3000 can be moulded to produce shaped articles and blocks.

Certifications

Versalis Revive® EPS 3000 is certified Plastica Seconda Vita – PSV.

Storage Conditions

It is recommended to keep the product in a dry well-ventilated store between 15-20°C.

For product packed in octabins, the guaranteed shelf-life is one month in the mentioned conditions.

During the processing of Expandable Polystyrene any sparks or open flames must be avoided and smoking should be forbidden. Adequate electrical grounding of machinery and of pneumatic conveyance lines is recommended.

