

## Polimeri Europa Extir Leonardo B 2000 AE Expandable Polystyrene (discontinued \*\*)

Category : Polymer , Thermoplastic , Polystyrene (PS) , Expanded Polystyrene (EPS)

### Material Notes:

Extir B 2000 AE is a flame retardant expandable polystyrene in the form of spherical beads of fine particle size, containing pentane as blowing agent. Extir does not contain CFC or HCFC. Extir B 2000 AE is used for fast moulding cycle production of shaped mouldings with thin sections. Applications: Extir B 2000 AE is used mainly in thin section packaging where, for legislative or safety reasons, the use of a flame retardant material is required. Typical applications are: • packaging of thin section (from 5 to 10 mm) • decorative ceiling panels • baby/child safety seat It is recommended to keep the product in a dry well ventilated store between 15-20°C. For product packaged in octabins the guaranteed shelf-life is one month; product in steel drums has a six months guaranteed shelf-life. During the processing of Expandable Polystyrene any spark or flame must be avoided and smoking should be forbidden. An adequate electrical grounding of machinery and of pneumatic transport lines is recommended. For further information concerning storage, packaging and processing precautions please refer to "Styrenics - Technical data sheets" and to the "Extir Safety Data Sheet". Regarding "flame retardant" properties, articles made from Extir AE are officially certified "B1 nach DIN 4102". The action of the flame retardant additive is exerted only after the elimination of blowing agent and, therefore, only after Extir AE has been transformed into foamed articles (suitably aged where necessary). Processing: Extir B 2000 AE can be easily pre-expanded over a wide density range from 19 to 40 kg/m<sup>3</sup>. The recommended ageing time before moulding obviously depends on the preexpanded density and ranges from 4 to 48 hours. Extir B 2000 AE can be moulded on all types of shape moulding machines. Information provided by Polimeri Europa

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeri-Europa-Extir-Leonardo-B-2000-AE-Expandable-Polystyrene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-Extir-Leonardo-B-2000-AE-Expandable-Polystyrene-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.590 - 0.630 g/cc	0.0213 - 0.0228 lb/in <sup>3</sup>	
Density	0.0200 - 0.0400 g/cc	0.000723 - 0.00145 lb/in <sup>3</sup>	
Apparent Bulk Density	0.0190 g/cc	0.000686 lb/in <sup>3</sup>	On a discontinuous pre-expander
	0.0210 g/cc	0.000759 lb/in <sup>3</sup>	On a continuous pre-expander after one expansion
Particle Size	400 - 750 µm	400 - 750 µm	

## Contact Songhan Plastic Technology Co.,Ltd.

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