

Polimeri Europa Extir® F 1111 Expandable Polystyrene (discontinued **)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Extir F 1111 is an expandable polystyrene in the form of spherical beads of very fine particle size and a narrow particle size distribution, containing pentane as blowing agent. Extir does not contain CFC or HCFC. Extir F 1111 exhibits an excellent surface finishing. This feature, combined with a low gas emissions and residual carbon during the casting operation, will guarantee optimal quality of the final metallic parts. Applications: Extir F 1111 is a special grade developed for lost foam casting technology. It exhibits an excellent processability and surface finishing. Typical casting applications are aluminium engine blocks, engine manifolds, and other cast engine parts. 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". This grade complies by composition with the requirements set by the main regulations for plastics intended for food contact (including the EEC directive 90/128). Processing: Extir F 1111 can be easily pre-expanded over a wide density range from 20 to 35 kg/m³. The recommended ageing time before moulding obviously depends on the pre-expanded density and ranges from 6 to 24 hours. Extir F 1111 is also an easy mould filling product. The low energy needs of Extir F 1111 means that it can be moulded with fast cycles (mainly by decreasing the water and vacuum cooling times). Information provided by Polimeri Europa

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Extir-F-1111-Expandable-Polystyrene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.590 - 0.630 g/cc	0.0213 - 0.0228 lb/in ³	
Density	0.0210 - 0.0350 g/cc	0.000759 - 0.00126 lb/in ³	
Apparent Bulk Density	0.0200 g/cc	0.000723 lb/in ³	On a discontinuous pre-expander
	0.0240 g/cc	0.000867 lb/in ³	On a continuous pre-expander after one expansion
Particle Size	200 - 500 µm	200 - 500 µm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China