

Extir® EH 3000

Expanded Polystyrene

Versalis S.p.A.

Message:

Extir EH 3000 is an expandable polystyrene in the form of spherical beads of medium particle size, with a low pentane content as blowing agent. Extir does not contain CFC or HCFC. Extir EH 3000 is used for the very fast cycle production of shape mouldings and block moulding with a medium to very high density. It is also characterised by very short maturing time, even at very high density, excellent moulding processability, good fusion, good surface finishing and a very good dimensional stability.

Extir EH 3000 is a very fast cycling grade used for production of moulded items with wall sections greater than 8 mm and also of skin moulded articles. It can also be used for the production of medium / high density blocks.

Finished products exhibit high fusion, high resistance to impact / mechanical stress, and an outstanding dimensional stability. Extir EH 3000 is suitable for the production of food packaging and for food contact applications.

Typical applications are:

industrial and protection packaging

internal shells for motorcycle and bicycle crash helmets

containers and loaders for automated manufacturing in the electronics sector

returnable packaging and pallets

medium-high density blocks for thermal insulation

General Information		
Additive	Blowing Agent 2	
Features	Expandable	
	Fast Molding Cycle	
	Food Contact Acceptable	
	Good Dimensional Stability	
	Good Processability	
	Good Surface Finish	
	High Impact Resistance	
	High Strength	
	Thermally Insulating	
Uses	Containers	
	Food Packaging	
	Industrial Applications	
	Packaging	
	Pallets	
	Safety Helmets	
	Sporting Goods	
Agency Ratings	EU 90/128/EEC	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0200 to 0.0800	g/cm ³
Apparent Density		

-- 1	0.02	g/cm ³
--	0.59 to 0.63	g/cm ³
Particle Size	600 to 1100	μm

NOTE

1. on a continuous pre-expander
after one expansion

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