

# Extir® EH 2000

Expanded Polystyrene

Versalis S.p.A.

## Message:

Extir EH 2000 is an expandable polystyrene in the form of spherical beads of fine particle size, with a low pentane content as blowing agent.

Extir does not contain CFC or HCFC.

Extir EH 2000 is used for very fast cycle production of shape mouldings with thin sections and medium to very high density. This grade is also characterised by very short maturing time, even at very high density, excellent processability, good fusion, good surface finishing and very good dimensional stability.

Extir EH 2000 is a very fast cycling grade used for production of moulded items with thin sections (usually less than 8 mm) and also of skin moulded articles. Finished products exhibit high fusion, high resistance to impact / mechanical stress, and an outstanding dimensional stability. Extir EH 2000 is suitable for the production of food packaging and for food contact applications.

Typical applications are:

industrial and protection packaging

food trays, ice cream containers, frozen dessert packaging

high precision mouldings

insulating soles for ski boots

containers and loaders for automated manufacturing in the electronics sector

reusable seed trays

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	
Uses	Food Containers	
	Food Packaging	
	Packaging	
	Sporting Goods	
	Support Trays	
Agency Ratings	EU 90/128/EEC	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0220 to 0.0800	g/cm <sup>3</sup>
Apparent Density		
-- <sup>1</sup>	0.03	g/cm <sup>3</sup>
--	0.59 to 0.63	g/cm <sup>3</sup>
Particle Size	400 to 750	µm

## NOTE

1. on a continuous pre-expander  
after one expansion

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### Recommended distributors for this material

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