

Extir® EH 5000

Expanded Polystyrene

Versalis S.p.A.

Message:

Extir EH 5000 is an expandable polystyrene in the form of spherical beads of medium-large particle size, with a low pentane content as blowing agent. Extir does not contain CFC or HCFC.

This grade is used for the very fast cycle production of large shape mouldings and block moulding over a wide density range. It is characterised by a very short maturing time, even at high density, excellent moulding processability, good fusion, good surface finishing and very good dimensional stability.

Extir EH 5000 is a very fast cycling grade used for production of large, thick section mouldings. 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.

Typical applications are:

large sized or special industrial packaging

packaging with excellent cushioning properties for electronic items

internal shells for crash helmets

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	Industrial Applications	
	Packaging	
	Safety Helmets	
	Sporting Goods	
Agency Ratings	EU 90/128/EEC	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0170 to 0.0800	g/cm ³
Apparent Density		
-- ¹	0.02	g/cm ³
--	0.59 to 0.63	g/cm ³
Particle Size	1.00 to 2.00	mm
NOTE		

1.

on a continuous pre-expander
after two expansions

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