

Extir® D 3000 AE

Expanded Polystyrene

Versalis S.p.A.

Message:

Extir D 3000 AE is a flame-retardant expandable polystyrene in the form of spherical beads of medium particle size, containing pentane as blowing agent. Extir does not contain CFC or HCFC.

Extir D 3000 AE is used for production of shaped mouldings with sections higher than 8 mm or medium density blocks. This grade is characterised by fast moulding cycles, good fusion and low energy needs combined with a high mechanical strength and a good surface finishing.

Extir D 3000 AE is used mainly in medium section, medium / high density packaging where, for legislative or safety reasons, the use of a flame retardant material is required. It is also suitable for the production of skin moulded articles.

Typical applications are:

industrial packaging, e.g. cathode ray tube protection

medium-high density blocks for thermal insulation

moulded panels for underfloor heating

moulded insulating drainage panels

moulded or block-cut building components.

General Information		
Additive	Blowing Agent 2	
	Flame Retardant	
Features	Expandable	
	Fast Molding Cycle	
	Flame Retardant	
	Good Surface Finish	
	High Strength	
	Thermally Insulating	
Uses	Building Materials	
	Construction Applications	
	Industrial Applications	
	Packaging	
	Reinforced Panels	
Agency Ratings	DIN 4102/B1	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0170 to 0.0350	g/cm ³
Apparent Density		
-- ¹	0.02	g/cm ³
--	0.59 to 0.63	g/cm ³
Particle Size	600 to 1000	µm
NOTE		

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1. on a continuous pre-expander
after one expansion

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