

# Extir® VR A3000 AE

Expanded Polystyrene

Versalis S.p.A.

## Message:

Extir Verdi VR A3000 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 VR A3000 AE is an improvement of A 3000 AE showing an improved thermal conductivity.

Extir VR A3000 AE is used for production of shaped mouldings with section greater than 8 mm and of medium-high density blocks.

Extir Verdi VR A3000 AE has an improved thermal conductivity value, specially at low density. Extir VR A3000 AE is used mainly in building and industrial packaging applications where, for legislative or safety reasons, the use of a flame retardant material is required.

Typical applications are:

industrial packaging (e.g. cathode ray tube protection)

medium / high density blocks for thermal insulation

window dressing, theatre backgrounds

moulded panels for underfloor heating

moulded or block-cut building components

General Information		
Additive	Blowing Agent 2	
	Flame Retardant	
Features	Expandable	
	Flame Retardant	
	Thermally Conductive	
Uses	Building Materials	
	Construction Applications	
	Insulation	
	Packaging	
	Reinforced Panels	
Agency Ratings	DIN 4102/B1	
Forms	Spheres	
Physical	Nominal Value	Unit
Density	0.0160 to 0.0300	g/cm <sup>3</sup>
Apparent Density		
-- <sup>1</sup>	0.02	g/cm <sup>3</sup>
--	0.59 to 0.63	g/cm <sup>3</sup>
Particle Size	600 to 1000	µm
NOTE		

1. on a continuous pre-expander  
after one expansion

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#### Recommended distributors for this material

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