

# Extir® VERDI PD VM A3000 AE

Expanded Polystyrene

Versalis S.p.A.

## Message:

Extir Verdi PD VM A3000 AE is an HBCD-free 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 Verdi PD VM A3000 AE is an improvement of A 3000 AE showing an improved thermal conductivity as VR A3000 AE.

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

### Applications

Extir Verdi PD VM A3000 AE has an improved thermal conductivity value, specially at low density. Extir Verdi PD VM 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	Foaming agent	
	Flame retardancy	
Features	Heat conduction	
	Can foam	
	Flame retardancy	
Uses	Packaging	
	Industrial application	
	Building materials	
	Insulating material	
Agency Ratings	DIN 4102/B1	
Forms	Sphere	
Physical	Nominal Value	Unit
Density	0.0160 - 0.0300	g/cm <sup>3</sup>
Apparent Density		
--	0.59 - 0.63	g/cm <sup>3</sup>
-- <sup>1</sup>	0.02	g/cm <sup>3</sup>
Particle Size	600 - 1000	µm
NOTE		
1.	on a continuous pre-expander after one expansion	

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