

Extir® VERDI PD VM A5000 AE

Expanded Polystyrene

Versalis S.p.A.

Message:

Extir Verdi PD VM A5000 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 A5000 AE is an improvement of A 5000 AE in terms of thermal conductivity as VR A5000 AE.

Extir Verdi PD VM A5000 AE is suitable for production of low-medium density blocks for thermal insulation sector.

Applications

Extir Verdi PD VR A5000 AE has an improved thermal conductivity value, specially at low density. Extir Verdi PD VR A5000 AE is used mainly in the construction sector where, for legislative or safety reasons, the use of a flame retardant material is required.

Typical applications are:

blocks, especially for external thermal insulation

low density elastified blocks for impact sound absorption (Trittschall)

void formers, trough formers and culvert formers cut from block

blocks or slabs for road foundations and civil construction

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	0.0110 - 0.0200	g/cm ³
Apparent Density		
--	0.59 - 0.63	g/cm ³
-- ¹	0.02	g/cm ³
-- ²	0.01	g/cm ³
Particle Size	0.900 - 1.60	mm
NOTE		
1.	on a continuous pre-expander after one expansion	
2.	on a continuous pre-expander after two expansions	

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