

Okirol® E-3F

Expanded Polystyrene

DIOKI d.d.

Message:

Okirol® E-3F is expandable flame retardant polystyrene containing, apart from a flame retardant agent, also pentane as the blowing agent. The product is supplied as spherical beads.

Okirol® E-3F is used for the manufacture of low density blocks and panels intended for thermal and sound (when elastified) insulation in construction industry. It is suitable for 2-step pre-expansion.

Products made of Okirol® E-3F have fire characteristics in accordance with DIN 4102-1, class B1

General Information			
Additive	Blowing Agent		
	Flame Retardant		
Features	Flame Retardant		
Uses	Acoustic Barrier		
	Insulation		
	Reinforced Panels		
Agency Ratings	DIN 4102/B1		
	EC 1907/2006 (REACH)		
	EU 94/62/EC		
RoHS Compliance	RoHS Compliant		
Forms	Spheres		
Physical	Nominal Value	Unit	Test Method
Density			
-- ¹	0.0130	g/cm ³	
-- ²	0.0140 to 0.0180	g/cm ³	EN 1602
Apparent Density	0.61	g/cm ³	ISO 60
Flammability	Nominal Value		Test Method
Reaction to Fire	Class E		ISO 11925-2
Bead Size			ISO 2591-1
--	1.40 to 2.20	mm	
Range ³	1.00 to 2.50	mm	
Blowing Agent	5.0 to 7.0	%	ASTM 7132-05
NOTE			
1.	Minimum density of expanded beads		
2.	Density of molded product		
3.	>95%		

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