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BANIAR MASHREGH ZAMIN

EXPANDABLE POLYSTYRENE EPS SE-1000

SE-1000 is an expandable polystyrene (EPS) resin which contains pentane gas as foam blowing agent and Non-HBCD brominated hydrocarbon as its flame retardant agent. This grade exhibits outstanding expansion, insulation, moisture proofing and mechanical load bearing properties.

Producer	Characteristic Properties	Applications
BANIAR mashreg zamin	This grade exhibits outstanding expansion, insulation, moisture proofing and mechanical load bearing properties	Rigid insulation boards, Panel applications, Low density housing and construction blocks, Civil Engineering

Typical Properties

Resin Properties	Unit	Typical	Test Method
Bead Size ($\geq 99.0\%$)	mm	1.2-2	
Blowing Agent Content	wt%	≥ 5.0	
Moisture Content	wt%	≤ 0.80	
Polymer Content	wt%	92-94	
Coating Agent Content	wt%	< 0.30	
Residual Monomer	wt%	< 0.30	
Foam Density*	g/l	20-21	
Specific Gravity	-	1.02-1.05	
Expandability	times	50-95	
Fusion (Min.)	%	65	
CFC Content	%	0	
Flammability (Max.)	sec	3	