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BANIAR POLYMER CO.

## EXPANDABLE POLYSTYRENE EPS SE-2000

SE-2000 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	Applications
BANIAR	Rigid insulation boards, Panel applications, Low density housing and construction blocks, Civil Engineering - Flame Retardant series are suitable for self-extinguishing applications where the oxygen index is potentially high.

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
Bead Size ( $\geq 99.0\%$ )	mm	0.8-1.2	
Blowing Agent Content	wt%	$\geq 5.0$	
Moisture Content	wt%	$\leq 0.80$	
Polymer Content	wt%	92-94	
Coating Agent Content	wt%	$< 0.30$	
Residual Monomer	wt%	$< 0.30$	
Foam Density*	g/l	21-23	
Specific Gravity	-	1.02-1.05	
Expandability	times	50-95	
Fusion (Min.)	%	60	
CFC Content	%	0	
Flammability (Max.)	sec	3	
Limiting Oxygen Index	%	$> 30$	