



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

BANIAR MASHREGH ZAMIN

EXPANDABLE POLYSTYRENE EPS F2000

F-2000 is an expandable polystyrene (EPS) resin containing a flame retardant gas and non-HBCD brominated hydrocarbon. This grade exhibits outstanding expansion, insulation, moisture proofing and mechanical load bearing properties.

Producer	Characteristic Properties	Applications
BANIAR mashregh zamin	Expandable Properties Flame Retardant	Rigid insulation boards - Panel applications Low density housing and construction blocks Civil engineering applications

Typical Properties

Resin Properties	Unit	Typical	Test Method
Bead Size ($\geq 99.0\%$)	mm	0.8-1.2	
Blowing Agent Content	wt%	≥ 6.0	
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	13-15	
Specific Gravity	-	1.02-1.05	
Expandability	times	50-95	
Fusion (Min.)	%	60	
CFC Content	%	0	