

**Technical Data Sheet**

**F2000**  
Expandable Polystyrene

F-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.

**Applications:**

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.

PROPERTY	UNIT	VALUE
Bead size (≥99.0 %)	mm	0.8-1.2
Blowing Agent Content	Wt%	≥6
Moisture content	Wt%	≤0.8
Polymer Content	Wt%	92-94
Coating Agent Content	Wt%	<0.3
Residual Monomer	Wt%	<0.3
Foam Density	g/l	13-15
Specific Gravity	--	1.02-1.05
Expandability	Times	50-59
Fusion(Min)	%	60
Limiting Oxygen Index	%	>30
CFC content	%	0
Flammability(Max)	sec	3