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ENTEKHAB POLYSTYRENE PETROCHEMICAL CO.

EXPANDABLE POLYSTYRENE EPS F200

Expandable Polystyrene F200 (EPS F200) is a flame-retardant EPS grade produced by Entekhab Petrochemical for construction and industrial insulation applications. Designed with controlled fire behavior and higher density performance, it expands into a lightweight closed-cell foam that delivers excellent thermal insulation, improved mechanical strength, and dimensional stability. EPS F200 is widely used for high-quality building blocks, thermal insulation systems, sandwich panels, and shaped industrial components where both structural performance and fire safety are important.

Producer	Applications
SNOWA	High-quality EPS block molding, thick-wall shaped molding, thermal insulation systems for construction, fire-rated building insulation, architectural contour moldings, sandwich panels, wall and roof insulation, and lightweight construction components. Lower foam densities can also be achieved through multiple expansion processes.

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
Bead Size Diameter	mm	0.9-1.3	
Blowing Agent - Pentane	%	5.6-7	
Residual Styrene Monomer	ppm	Less than 1000	
Moisture Content	%	Less than 1	
CFC Content	-	Nil	
Flammability	wt%	DIN4102 B2 / EN ISO 11925-2 / EN 13501 E	
Density	kg/m ³	10-18	