

Technical Data Sheet

EPS F 450

Expandable Polystyrene

Expandable Polystyrene is a thermoplastic material, lightweight, resilient, foamed plastic composed of hydrogen and carbon atoms.

Applications

High Density Insulation, Special use Products.

Properties	Value	Unit
Density (Pre-expansion)	17	Kgf/cm ²
Foam Density	23-42	g/L
Foam Multiple	24-45	-
Bead Size	0.3-0.47	mm

Poly Styrene Content	Pentane Content	Flame Retardant	Mv (-1000)	Specific Gravity	Moisture Content	Foam Water Absorption	Foam Compressive Strength
93-94%	5-7%	1% mx	250 Aprx	1.03 – 1.05	1% max	100 gr/m ² max	0.5 kg/cm ³ min