

# Styropek® BFL 495

Expanded Polystyrene

Styropek S.A. de C.V.

## Message:

Styropek® BFL products can be used in a wide variety of applications, including blocks for panels, general insulation, below grade use, fabrication, flotation, and general packaging.

Additional applications include ICF's ("insulated concrete forms"), thin or thick walled custom molding, and other general protective packaging.

Modified expandable polystyrene (EPS) / non-flammable / ant flame / auto-extinguishable containing approximately 3.45 - 3.65 wt% pentane as the blowing agent.

All products are supplied as spherical beads with a bulk density of approximately 40 lb/ft³ (640 kg/m³).

Styropek® BFL products are compatible with many anti-stat, mineral oil and color additives that can be added during processing.

Styropek® BFL products do not contain chlorofluorocarbons and hydrofluorocarbons compounds.

Intended uses

Shape molding for thin walled applications with fast cycles and excellent surface finish requiring modified material.

General Information		
UL YellowCard	E474710-102172942	
Additive	Foaming agent (3 to 4%) 3	
Features	Recyclable materials	
	Can foam	
	Self-extinguishing	
	Flame retardancy	
Uses	Packaging	
	Building materials	
	Architectural application field	
	Insulating material	
	Foam	
Agency Ratings	ASTM C 578	
	ASTM E 84	
	EC 1907/2006 (REACH)	
RoHS Compliance	RoHS compliance	
Forms	Sphere	
Physical	Nominal Value	Unit
Apparent Density	0.64	g/cm³
Additional Information	Nominal Value	Unit
Bead Size		
< 425.0 µm		%
425.0 to 850.0 µm	> 97	%
Expanded Density	20.0 - 65.0	kg/m³
Monomer Residue		ppm

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