

Styropor® BFL 495

Expanded Polystyrene

BASF Corporation

Message:

Products and their uses

Styropor BFL 495 low pentane product can be used in a wide variety of applications for shape molding of thin walled parts requiring modified material or high density block molding applications with fine, smooth definition.

Description

Modified expandable polystyrene (EPS) containing approximately 3.45 - 3.65 wt% pentane as the blowing agent. The BFL 495 is supplied as spherical beads with a bulk density of approximately 40 lbs/ft³ (640 kg/m³).

General Information		
UL YellowCard	E474710-102172942	
Additive	Blowing Agent (3 to 4%) 3	
Uses	Foam	
	Foamed Insulation Board	
	Packaging	
	Thin-walled Parts	
Agency Ratings	ASTM C 578	
	ASTM E 84	
	EC 1907/2006 (REACH)	
	UL QMFZ	
	UL QMFZ2	
	ULC Unspecified Rating	
RoHS Compliance	RoHS Compliant	
Forms	Spheres	
Physical	Nominal Value	Unit
Density ¹	0.0176 to 0.0641	g/cm ³
Apparent Density	0.64	g/cm ³
Flammability	Nominal Value	Test Method
Flame Rating	HF-1	UL 94
Additional Information	Nominal Value	Unit
Bead Size	420.0 to 850.0	µm
Material Number	VIII, II, IX	
Pre-Puff Age - dependent on density	0.2 to 2.0	day
NOTE		

1. Typical densities are first and/or double pass pre-expansion.

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