

# Styropor® BFL 397S

Expanded Polystyrene

BASF Corporation

## Message:

### Products and their uses

Styropor BFL 397S low pentane product can be used in a wide variety of applications for fast cycle, short age shape molding, thick parts and ICF applications or high density block molding applications with excellent surface appearance requiring modified material.

### Description

Modified expandable polystyrene (EPS) containing approximately 3.45 - 3.65 wt% pentane as the blowing agent. The BFL 397S is supplied as spherical beads with a bulk density of approximately 40 lbs/ft<sup>3</sup> (640 kg/m<sup>3</sup>).

General Information		
Additive	Blowing Agent (3 to 4%) 2	
Features	Fast Molding Cycle	
	Pleasing Surface Appearance	
Uses	Foam	
	Foamed Insulation Board	
	Thick-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 <sup>1</sup>	0.0288 to 0.0801	g/cm <sup>3</sup>
Apparent Density	0.64	g/cm <sup>3</sup>
Flammability	Nominal Value	Test Method
Flame Rating	HF-1	UL 94
Additional Information	Nominal Value	Unit
Bead Size	600.0 to 1250.0	µm
Material Number	IX, XIV, XV	
Pre-Puff Age - dependent on density	4.0 to 24.0	hr
NOTE		

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

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