

Styropor® BF 395S

Expanded Polystyrene

BASF Corporation

Message:

Products and their uses

Styropor BF 395S, high pentane product can be used in a wide variety of applications for block or shape. 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 5.7 - 6.4 wt% pentane as the blowing agent. The BF 395S is supplied as spherical beads with a bulk density of approximately 40 lbs/ft³ (640 kg/m³).

General Information		
Additive	Blowing Agent (6%) 2	
Features	Fast Molding Cycle	
	Pleasing Surface Appearance	
Uses	Foam	
	Foamed Insulation Board	
	Packaging	
	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 ¹	0.0160 to 0.0481	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	600.0 to 1250.0	µm
Material Number	I, VIII, II, IX, XIV, XV	
Pre-Puff Age - dependent on density	0.2 to 2.0	day
NOTE		

1. All recommended densities are first pass through batch expanders.

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