

Styropor® P-440H

Expanded Polystyrene

BASF Corporation

Message:

Products and their uses

Styropor P-440H is a non-modified product that can be used in a wide variety of applications, including shape molding of thin walled parts with fast molding cycles such as seedling trays, printed surface applications and leak resistant such as coolers.

Description

Regular non-modified expandable polystyrene (EPS) containing approximately 5.2 - 5.8 wt% pentane as the blowing agent. The P-440H is supplied as spherical beads with a bulk density of approximately 40 lbs/ft³ (640 kg/m³).

Styropor P-440H product is compatible with many anti-stat, mineral oil and color additives added during processing. P-440H product does not contain chlorofluorocarbons or flame retardants.

General Information		
Additive	Blowing Agent (5 to 6%) 2	
Features	Fast Molding Cycle	
Uses	Foam	
	Packaging	
	Thin-walled Parts	
Agency Ratings	EC 1907/2006 (REACH)	
RoHS Compliance	RoHS Compliant	
Forms	Spheres	
Physical	Nominal Value	Unit
Density ¹	0.0200 to 0.0481	g/cm ³
Apparent Density	0.64	g/cm ³
Additional Information	Nominal Value	Unit
Bead Size	355.0 to 850.0	µm
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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