

Styropek® P 440H

Expanded Polystyrene

Styropek S.A. de C.V.

Message:

Styropek® P 40 products can be used in a wide variety of applications including protective packaging, food boxes, fish boxes, ice boxes and seedling trays.

Styropek® P 40 is an expandable polystyrene (EPS) in spherical beads which contains a min. of 4.4% and a max. of 5.8 %wt pentane as blowing agent. Do not contain chlorofluorocarbons and hydrochlorofluorocarbons compounds. Contains a maximum of 1000 ppm of residual monomer and 0.5% as maximum of total moisture.

All sizes present a bulk density of approximately 42 lb/ft³ (670 kg/m³).

Styropek® P 40 products are compatible with many anti-stat, mineral oils and colors additives added during the processing.

Intended uses

Shape molding applications of narrow wall, mid-range and high densities with excellent surface appearance, fusion and excellent cycle time. (wall thickness > 6 mm)

General Information		
Additive	Blowing agent (4 to 6%) 2	
Features	Recyclable materials	
	Can foam	
Uses	Packaging	
	Foam	
	Container	
Agency Ratings	EC 1907/2006 (REACH)	
	FDA 21 CFR 177.1640	
	FDA 21 CFR 178.3010	
RoHS Compliance	RoHS compliance	
Forms	Sphere	
Physical	Nominal Value	Unit
Apparent Density	0.67	g/cm³
Additional Information	Nominal Value	Unit
Bead Size		
< 355.0 µm		%
355.0 to 850.0 µm	> 97	%
Expanded Density	20.0 - 40.0	kg/m³
Monomer Residue		ppm

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Recommended distributors for this material

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