

Samsung Cheil Industries Starex[®] SG-401 Expandable Polystyrene (EPS) High Expansion

Category : Polymer , Thermoplastic , Polystyrene (PS) , Expanded Polystyrene (EPS)

Material Notes:

Typical Application : Large Float
Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-SG-401-Expandable-Polystyrene-EPS-High-Expansion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 - 1.05 g/cc	1.03 - 1.05 g/cc	
Density	0.0189 g/cc	0.000683 lb/in ³	Based on 55 times expansion
Bead Size	0.500 - 0.720 mm	0.0197 - 0.0283 in	JIS Z8801

Mechanical Properties	Metric	English	Comments
Flexural Strength	2.40 MPa	348 psi	@ 20 kg/m ² ; ASTM DC201
Compressive Strength	>= 1.00 MPa	>= 145 psi	@ 20 kg/m ² ; JIS A9511, ASTM D1621

Chemical Properties	Metric	English	Comments
Blowing Agent Content	6.0 - 7.0 %	6.0 - 7.0 %	Pentane

Descriptive Properties	Value	Comments
Blocking	<2%	
Expandability	55 Times	Expansion for 5 min Cheil Method
Fusion	>60%	Cheil Method
Polymer Content	93-94%	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China