

Sekisui PIOCELAN LP-50E Moldable Polymer Foam

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

Material Notes:

A hybrid moldable resin material PIOCLEAN, consisting of polystyrene and polyolefin, achieves performance exceeding that of the individual components by effectively combining materials with drastically different characteristics. Major use of Molded articles: General molding articles; Packing material for industrial parts; and Returnable containers for electronic parts. Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-LP-50E-Moldable-Polymer-Foam.php

Physical Properties	Metric	English	Comments
Bulk Density	0.0200 g/cc	0.000723 lb/in ³	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.3388 MPa	49.14 psi	ASTM D3575
Elongation at Break	10 %	10 %	ASTM D3575
Flexural Strength	0.2024 MPa	29.36 psi	ASTM D790
Flexural Modulus	0.009687 GPa	1.405 ksi	ASTM D790
Compressive Strength	0.1356 MPa	19.67 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.1938 MPa	28.11 psi	
	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.4127 MPa	59.85 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	41.6 %	41.6 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	White	
Range of center value of pre-expanded particles	0.15-0.22 in	

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