

## Sekisui PIOCELAN SP-40D Moldable Polymer Foam

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

**Material Notes:**

A hybrid moldable resin material PIOCLEAR, 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 molded articles  
Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sekisui-PIOCELAN-SP-40D-Moldable-Polymer-Foam.php](http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-SP-40D-Moldable-Polymer-Foam.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0250 g/cc	0.000903 lb/in <sup>3</sup>	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.3253 MPa	47.18 psi	ASTM D3575
Elongation at Break	6.4 %	6.4 %	ASTM D3575
Flexural Strength	0.2357 MPa	34.19 psi	ASTM D790
Flexural Modulus	0.0097175 GPa	1.4094 ksi	ASTM D790
Compressive Strength	0.1662 MPa	24.11 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.236 MPa	34.2 psi	
Compression Set	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.4659 MPa	67.58 psi	
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	41.2 %	41.2 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	White	
Range of center value of pre-expanded particles	0.16-0.23 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