

## Sekisui PIOCELAN OP-30E 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:

Automotive parts  
Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sekisui-PIOCELAN-OP-30E-Moldable-Polymer-Foam.php](http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-OP-30E-Moldable-Polymer-Foam.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0333 g/cc	0.00120 lb/in <sup>3</sup>	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.5050 MPa	73.24 psi	ASTM D3575
Elongation at Break	7.2 %	7.2 %	ASTM D3575
Flexural Strength	0.3549 MPa	51.47 psi	ASTM D790
Flexural Modulus	0.01397 GPa	2.026 ksi	ASTM D790
Compressive Strength	0.2114 MPa	30.66 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.2739 MPa	39.73 psi	
Compression Set	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.5281 MPa	76.59 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	43.4 %	43.4 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	White	
Range of center value of pre-expanded particles	0.12-0.15 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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