

## Sekisui PIOCELAN OP-15E 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:

Automotive parts  
Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sekisui-PIOCELAN-OP-15E-Moldable-Polymer-Foam.php](http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-OP-15E-Moldable-Polymer-Foam.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0667 g/cc	0.00241 lb/in <sup>3</sup>	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.79248 MPa	114.94 psi	ASTM D3575
Elongation at Break	6.1 %	6.1 %	ASTM D3575
Flexural Strength	0.77442 MPa	112.32 psi	ASTM D790
Flexural Modulus	0.031415 GPa	4.5564 ksi	ASTM D790
Compressive Strength	0.5217 MPa	75.66 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.6977 MPa	101.2 psi	
	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	1.289 MPa	186.9 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	45.7 %	45.7 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	White	
Range of center value of pre-expanded particles	0.11-0.13 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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