

## Sekisui PIOCELAN OP-20DB 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-20DB-Moldable-Polymer-Foam.php](http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-OP-20DB-Moldable-Polymer-Foam.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0500 g/cc	0.00181 lb/in <sup>3</sup>	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.6181 MPa	89.65 psi	ASTM D3575
Elongation at Break	10.5 %	10.5 %	ASTM D3575
Flexural Strength	0.4134 MPa	59.96 psi	ASTM D790
Flexural Modulus	0.01767 GPa	2.563 ksi	ASTM D790
Compressive Strength	0.3025 MPa	43.88 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.3872 MPa	56.16 psi	
Compression Set	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.7364 MPa	106.8 psi	
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	41.8 %	41.8 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	Black	
Range of center value of pre-expanded particles	0.13-0.18 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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