

Sekisui PIOCELAN LSP-15D 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 exterior parts
Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-LSP-15D-Moldable-Polymer-Foam.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.82213 MPa	119.24 psi	ASTM D3575
Elongation at Break	6.2 %	6.2 %	ASTM D3575
Flexural Strength	0.80703 MPa	117.05 psi	ASTM D790
Flexural Modulus	0.031352 GPa	4.5472 ksi	ASTM D790
Compressive Strength	0.521 MPa	75.5 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.6789 MPa	98.47 psi	
	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	1.2911 MPa	187.26 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	43.7 %	43.7 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	White	
Range of center value of pre-expanded particles	0.11-0.17 in	

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