

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-LSP-15DB-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	0.91052 MPa	132.06 psi	ASTM D3575
Elongation at Break	5.5 %	5.5 %	ASTM D3575
Flexural Strength	0.80717 MPa	117.07 psi	ASTM D790
Flexural Modulus	0.034174 GPa	4.9565 ksi	ASTM D790
Compressive Strength	0.5520 MPa	80.06 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.72981 MPa	105.85 psi	
	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	1.4251 MPa	206.69 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	45.2 %	45.2 %	ASTM D3575

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

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