

Sekisui PIOCELAN LSP-50EB 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: Packing material/Returnable containers for electronic parts and Automotive parts. Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-LSP-50EB-Moldable-Polymer-Foam.php

Physical Properties	Metric	English	Comments
Bulk Density	0.0200 g/cc	0.000723 lb/in ³	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.3567 MPa	51.73 psi	ASTM D3575
Elongation at Break	13.4 %	13.4 %	ASTM D3575
Flexural Strength	0.1929 MPa	27.98 psi	ASTM D790
Flexural Modulus	0.0086860 GPa	1.2598 ksi	ASTM D790
Compressive Strength	0.1210 MPa	17.55 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.1800 MPa	26.11 psi	
	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.3950 MPa	57.29 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	32.2 %	32.2 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	Black	
Range of center value of pre-expanded particles	0.13-0.19 in	

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