

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-LSP-20DB-Moldable-Polymer-Foam.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.80283 MPa	116.44 psi	ASTM D3575
Elongation at Break	7.7 %	7.7 %	ASTM D3575
Flexural Strength	0.5877 MPa	85.24 psi	ASTM D790
Flexural Modulus	0.024693 GPa	3.5814 ksi	ASTM D790
Compressive Strength	0.4058 MPa	58.85 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.5239 MPa	75.99 psi	
Compression Set	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.99822 MPa	144.78 psi	ASTM D3575
@Strain 75.0 %	@Strain 75.0 %		
Compression Set	44.8 %	44.8 %	ASTM D3575

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

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