

Sekisui PIOCCELAN TOPF-40DB Flame Retardant Moldable Polymer Foam

Category : Polymer , Thermoplastic , Polyolefin , Polystyrene (PS) , Expanded Polystyrene (EPS)

Material Notes:

A hybrid moldable resin material PIOCCELAN, 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 interior parts
Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-TOPF-40DB-Flame-Retardant-Moldable-Polymer-Foam.php

Physical Properties	Metric	English	Comments
Bulk Density	0.0250 g/cc	0.000903 lb/in ³	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.3300 MPa	47.86 psi	ASTM D3575
Elongation at Break	6.0 - 8.0 %	6.0 - 8.0 %	ASTM D3575
Flexural Strength	0.2600 MPa	37.71 psi	ASTM D790
Flexural Modulus	0.0089997 GPa	1.3053 ksi	ASTM D790
Compressive Strength	0.1800 MPa	26.11 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.2500 MPa	36.26 psi	
Compression Set	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.5207 MPa	75.52 psi	
	@Strain 75.0 %	@Strain 75.0 %	
Compression Set	43 %	43 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	Black	
Range of center value of pre-expanded particles	0.13-0.22 in	

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