

Thermoseal KLINGERSIL® C-6327 SBR Binder Gasketing

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

Material Notes:

Synthetic Fiber Modified SBR Binder Controlled Swell Use for Low Temperatures and Low Pressures Good with Low Bolt Loads Information provided by Thermoseal Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Thermoseal-KLINGERSIL-C-6327-SBR-Binder-Gasketing.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	ASTM F1315
Thickness	1588 microns	62.52 mil	Thickness tested

Electrical Properties	Metric	English	Comments
Dielectric Strength	13.0 kV/mm	330 kV/in	ASTM D149-95a

Descriptive Properties	Value	Comments
Color	White	(Top/Bottom)
Compressibility	15 percent	ASTM F36J
Creep Relaxation	35 percent	1/32", ASTM F38B
Gas Permeability	<0.5 ml/min	DIN 3535/6
Klinger Hot Compression Test	16 percent	Initial, Thickness Decrease 73°F (23°C)
	25 percent	Additional, Thickness Decrease 572°F (300°C)
Leachable Chloride Content	150 ppm	FSA Method (Typical)
Recovery	>40 percent	ASTM F36J
Sealability	<0.2 ml/hr	1/32", ASTM F37A
Thickness Increase	0-10%	ASTM F146 after immersion in ASTM Oil 1, 5h/300°F (149°C)
	0-15%	ASTM Fuel A, 5h/73°F (23°C)
	20-35%	ASTM Fuel B, 5h/73°F (23°C)
	30-40%	ASTM Oil IRM903, 5h/300°F (149°C)
Weight Increase	<35%	ASTM F146 after immersion in Fuel B 5h/73°F (23°C)

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