

Thermoseal KLINGERSIL® C-7400 Chemical Resistant Gasketing

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

Material Notes:

Synthetic FiberEPDM BinderModerate Caustics and AcidsGood Oil Swell CharacteristicsExcellent Aging PropertiesGood in Light Duty SteamInformation provided by Thermoseal Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Thermoseal-KLINGERSIL-C-7400-Chemical-Resistant-Gasketing.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ASTM F1315
Thickness	1588 microns	62.52 mil	Thickness tested

Electrical Properties	Metric	English	Comments
Dielectric Strength	22.0 kV/mm	559 kV/in	ASTM D149-95a

Descriptive Properties	Value	Comments
Color	White/Grey	(Top/Bottom)
Compressibility	7 percent	ASTM F36J
Creep Relaxation	25 percent	1/32", ASTM F38B
Gas Permeability	<0.5 ml/min	DIN 3535/6
Klinger Hot Compression Test	5 percent	Additional, Thickness Decrease 572°F (300°C), tested at 3,625-psi gasket stress
	9 percent	Initial, Thickness Decrease 73°F (23°C), tested at 3,625-psi gasket stress
Leachable Chloride Content	200 ppm	FSA Method (Typical)
Recovery	>50 percent	ASTM F36J
Sealability	<0.3 ml/hr	1/32", ASTM F37A
Thickness Increase	0-15%	ASTM F146 after immersion in ASTM Oil 1, 5h/300°F (149°C)
	0-20%	ASTM Fuel A, 5h/73°F (23°C)
	15-30%	ASTM Oil IRM903, 5h/300°F (149°C)
	5-20%	ASTM Fuel B, 5h/73°F (23°C)
Weight Increase	<25%	ASTM F146 after immersion in Fuel B 5h/73°F (23°C)

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