

## Thermoseal KLINGERSIL® C-8200 Chemical Resistant Gasketing

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

### Material Notes:

Synthetic FiberHypalon® BinderAcid ResistantGood Oil-Fuel ResistanceGood Gas SealabilityNo Color AddedInformation provided by Thermoseal Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Thermoseal-KLINGERSIL-C-8200-Chemical-Resistant-Gasketing.php](http://www.lookpolymers.com/polymer_Thermoseal-KLINGERSIL-C-8200-Chemical-Resistant-Gasketing.php)

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in <sup>3</sup>	ASTM F1315
Thickness	1588 microns	62.52 mil	Thickness tested

Electrical Properties	Metric	English	Comments
Dielectric Strength	9.00 kV/mm	229 kV/in	ASTM D149-95a

Descriptive Properties	Value	Comments
Color	Off White	(Top/Bottom)
Compressibility	9 percent	ASTM F36J
Creep Relaxation	30 percent	1/32", ASTM F38B
Gas Permeability	<0.5 ml/min	DIN 3535/6
Klinger Hot Compression Test	17 percent	Additional, Thickness Decrease 572°F (300°C), tested at 3,625-psi gasket stress, and to 392°F [200°C]
	7 percent	Initial, Thickness Decrease 73°F (23°C), tested at 3,625-psi gasket stress, and to 392°F [200°C]
Recovery	>50 percent	ASTM F36J
Sealability	<0.3 ml/hr	1/32", ASTM F37A
Thickness Increase	0-10%	ASTM Fuel B, 5h/73°F (23°C)
	0-5%	ASTM F146 after immersion in ASTM Oil 1, 5h/300°F (149°C)
	0-5%	ASTM Fuel A, 5h/73°F (23°C)
	5-10%	ASTM Oil IRM903, 5h/300°F (149°C)
Weight Increase	<25%	ASTM F146 after immersion in Fuel B 5h/73°F (23°C)

## **Contact Songhan Plastic Technology Co.,Ltd.**

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