

## Guarniflon SC 1400 Polytetrafluoroethylene Seal

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

### Material Notes:

SC series is a superior and unique material for gasket (flat Sealing) applications. The overall benefits of Guarniflon SC series over that of both conventional PTFE and competitive PTFE/filler blends are found in the areas of environmental improvement (they are asbestos free) and overall cost saving. Main applications in the chemical, petrochemical, pharmaceutical, food, paper industries, etc. Information provided by Guarniflon®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Guarniflon-SC-1400-Polytetrafluoroethylene-Seal.php](http://www.lookpolymers.com/polymer_Guarniflon-SC-1400-Polytetrafluoroethylene-Seal.php)

Physical Properties	Metric	English	Comments
Density	2.20 g/cc	0.0795 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Creep Strength	0.0300 MPa	4.35 psi	DIN 28090-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Modulus	0.0400 MPa	5.80 psi	DIN 28090-2
	@Temperature 150 °C, Time 57600 sec	@Temperature 302 °F, Time 16.0 hour	
Compressive Modulus	0.00160 GPa	0.232 ksi	DIN 28090-2
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Modulus	0.00300 GPa	0.435 ksi	DIN 28090-2
	@Temperature 150 °C, Time 57600 sec	@Temperature 302 °F, Time 16.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-200 °C	-328 °F	

Chemical Properties	Metric	English	Comments
Critical Pressure	80.0 bar	60000 torr	max

Descriptive Properties	Value	Comments
Color	Pink	

Compression Creep, MPa Descriptive Properties	T Value	150A°C, 30 N/mmA² Comments
Leakage with Nitrogen, cm <sup>3</sup> /min	0.02	DIN 3535
Leakage, mg/s*m	<.01	DIN 28090-2
max P x T , bar Â°C	12000	
Recovery, mm	0.07	DIN 28090-2

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China