

Garlock 9405 PTFE Rubber Sheet, 25% Glass Filled

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Glass Filled, Molded

Material Notes:

Premium Grade 25% Glass-filled Skived PTFE Sheet Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-9405-PTFE-Rubber-Sheet-25-Glass-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 - 2.22 g/cc	2.15 - 2.22 g/cc	
Deformation	3.0 - 9.0 % @Time 86400 sec, Pressure 13.8 MPa	3.0 - 9.0 % @Time 24.0 hour, Pressure 2000 psi	ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	56 - 68	56 - 68	ASTM D2240
Tensile Strength	6.89 - 20.7 MPa	1000 - 3000 psi	ASTM D638, ASTM D1709
Elongation at Break	50 - 250 %	50 - 250 %	ASTM D638, ASTM D1709
Compressive Strength	8.27 - 11.0 MPa	1200 - 1600 psi	0.2% Offset; ASTM D695
	6.21 - 8.62 MPa @Strain 1.00 %	900 - 1250 psi @Strain 1.00 %	ASTM D695

Thermal Properties	Metric	English	Comments
CTE, linear	54.0 - 144 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$ @Temperature 25.6 - 204 $\text{Å}^\circ\text{C}$	30.0 - 80.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$ @Temperature 78.0 - 400 $\text{Å}^\circ\text{F}$	ASTM D696
Thermal Conductivity	0.360 - 0.504 W/m-K	2.50 - 3.50 BTU-in/hr- $\text{ft}\text{Å}^2\cdot\text{Å}^\circ\text{F}$	ASTM C177

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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