

## Garlock GYLON<sup>®</sup> 3594 PTFE Gasketing, Glass Fiber Filled

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

**Material Notes:**PTFE with glass fiber filler  
Information provided by Garlock Rubber Technologies

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Garlock-GYLON-3594-PTFE-Gasketing-Glass-Fiber-Filled.php](http://www.lookpolymers.com/polymer_Garlock-GYLON-3594-PTFE-Gasketing-Glass-Fiber-Filled.php)

Physical Properties	Metric	English	Comments
Permeability	0.015	0.015	Gas Permeability, cc/min; DIN 3535 Part 4

Mechanical Properties	Metric	English	Comments
Tensile Strength	13.8 MPa	2000 psi	across grain; ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 Å°C @Pressure 5.52 MPa	500 Å°F @Pressure 800 psi	Continuous
Minimum Service Temperature, Air	-268 Å°C	-450 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	14.1 kV/mm @Thickness 1.59 mm	357 kV/in @Thickness 0.0625 in	Unconditioned; ASTM D149

Descriptive Properties	Value	Comments
Color	Green	
Compressibility, %	10-20	ASTM F36
Creep Relaxation, %	30	ASTM F38
Sealability ASTM F37B, ml/hr	0.5	ASTM Fuel A

## Contact Songhan Plastic Technology Co.,Ltd.

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