

Garlock GYLON[®] 3502 PTFE Gasketing, Silica Filler, Oxygen Service

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

PTFE with silica filler - Oxygen service
 Improved sealing performance over conventional PTFE
 Unique manufacturing process minimizes cold flow problems typical of skived and expanded PTFE sheets
 Excellent bolt torque retention
 Withstands a wide range of chemicals for extended service life
 Media: Strong acids (except hydrofluoric), Solvents, Hydrocarbons, Water, Steam, Chlorine, Cryogenics
 Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-GYLON-3502-PTFE-Gasketing-Silica-Filler-Oxygen-Service.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 Â°C @Pressure 8.27 MPa	500 Â°F @Pressure 1200 psi	Continuous
Minimum Service Temperature, Air	-268 Â°C	-450 Â°F	

Descriptive Properties	Value	Comments
Color	Fawn	
Compressibility, %	7-12	ASTM F36
Creep Relaxation, %	18	ASTM F38
Sealability ASTM F37B, ml/hr	0.22	ASTM Fuel A

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