

Garlock GYLON® 3565 ENVELON® PTFE Gasketing, Glass Microsphere Filled

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

Material Notes:

PTFE with aluminosilicate microsphere filler. Soft, deformable exterior conforms to surface irregularities; ideal for worn, warped or pitted flanges. Stable blue core improves cold flow resistance. Low bolt load requirements ensure a tight seal on glass-lined or wavy flanges. Direct sintering of GYLON® layers prevents leak paths and adhesive contamination. Media: Moderate concentrations of acids and caustics, hydrocarbons, solvents, cryogenics, and glass-lined equipment. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-GYLON-3565-ENVELON-PTFE-Gasketing-Glass-Microsphere-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	12.4 MPa	1800 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	

Electrical Properties	Metric	English	Comments
Dielectric Strength	11.9 kV/mm @Temperature 121 Â°C, Time 10800 sec	301 kV/in @Temperature 250 Â°F, Time 3.00 hour	0.0625 in. thickness; ASTM D149
	8.70 kV/mm @Thickness 1.59 mm	221 kV/in @Thickness 0.0625 in	100% RH for 96 hours; ASTM D149

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	

Descriptive Properties	Value	Comments
Compressibility, %	35-50	ASTM F36
Creep Relaxation, %	35	ASTM F38

Descriptive Properties	Value	Comments
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