

Saint-Gobain Chemlam[®] RL[®] RL5000 PTFE-Coated Non-woven Aramid Reinforced Laminate

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Description: The CHEMLAM[®] series features unique combinations of multi-layer fluoropolymer films laminated to a variety of reinforcement fabrics. The RL product line features a film of fully sintered PTFE for low friction, flame resistance, chemical and barrier properties. Chemlam[®] RL[®] series is a high performance composite that has desirable elongation properties, and is easy to fabricate using standard techniques such as sewing for conversion to finished articles. RL 5000 Reinforcement: Non-woven Aramid. All data based on a 0.0185 inch test sample. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Chemlam-RL-RL5000-PTFE-Coated-Non-woven-Aramid-Reinforced-Laminate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.758 g/cc	0.758 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Tear Strength	4.38 kN/m	25.0 pli	Fill/Transverse direction
	8.77 kN/m	50.0 pli	Warp/Longitudinal direction

Descriptive Properties	Value	Comments
Color	Orange/White	
Weight (oz/yd ²)	10.5	

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