

Saint-Gobain Chemlam® RL® RL6000 PTFE-Coated Polyester/Cotton Blend Reinforced Laminate

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

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 6000 Reinforcement: Polyester/Cotton Blend. All data based on a 0.0067 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-RL6000-PTFE-Coated-PolyesterCotton-Blend-Reinforced-Laminate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.897 g/cc	0.897 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Tear Strength Test	4.0	4.0	Lbs./In. Propagation Tear Strength in fill/transverse direction
	5.0	5.0	Lbs./In. for warp/longitudinal Propagation Tear Strength
Tear Strength	7.01 kN/m	40.0 pli	Fill/Transverse direction
	10.5 kN/m	60.0 pli	Warp/Longitudinal direction

Descriptive Properties	Value	Comments
Color	Black/White	
Weight (oz/yd ²)	4.5	

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