

## Saint-Gobain Chemlam<sup>®</sup> RL<sup>®</sup> RL1000 PTFE-Coated Polyester/Cotton Blend Reinforced Laminate

Category : Polymer , Thermoset , Polyester, TS

### Material Notes:

Description: The CHEMLAM<sup>®</sup> 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<sup>®</sup> RL<sup>®</sup> 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 1000 Reinforcement: Polyester/Cotton Blend. All data based on a 0.02 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-RL1000-PTFE-Coated-PolyesterCotton-Blend-Reinforced-Laminate.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Chemlam-RL-RL1000-PTFE-Coated-PolyesterCotton-Blend-Reinforced-Laminate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.801 g/cc	0.801 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Tear Strength Test	12	12	Lbs./In. Propagation Tear Strength in fill/transverse direction
	20	20	Lbs./In. for warp/longitudinal Propagation Tear Strength
Tear Strength	21.9 kN/m	125 pli	Fill/Transverse direction
	30.7 kN/m	175 pli	Warp/Longitudinal direction

Descriptive Properties	Value	Comments
Color	Blue/White	
Weight (oz/yd <sup>2</sup> )	12	

## Contact Songhan Plastic Technology Co.,Ltd.

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