

## Saint-Gobain Chemlam® 2200 Multi-plyed, Flexible, Non-porous Fluoropolymer Laminated Composite

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

### Material Notes:

Description: Chemlam® Ultra® is the trademark for the Chemfab® family of multi-plyed, flexible, non-porous fluoropolymer laminated composites that combine the feature of multi-layer fluoropolymer cast films with the mechanical properties of fiber glass reinforced fabric. The Ultra® product line offers high performance in severe thermal cycling, chemical applications. FEATURES: PTFE cast barrier film surface, crack and pinhole free: Outperforms simple PTFE-coated materials; long-lasting release properties make cleaning easier; low wicking of product into fabric extends useful life. Uniform film thickness over entire surface: Lamination eliminates the possibility of thin spots found in coated materials, which often lead to their premature failure. Thick gauge films with hardened surfaces: Extended abrasion and wear properties result in longer life with less maintenance. High temperature, multi-ply fabrics: Exceptional mechanical properties and dimensional stability at any thickness due to the "plywood" effect; designed for thermal cycling and harsh chemical applications, including cooking and plastic processing. FDA Compliant: Suitable for use in direct food contact applications under the applicable requirements of 21CFR177.1550. All data based on a 0.007 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-2200-Multi-plyed-Flexible-Non-porous-Fluoropolymer-Laminated-Composite.php](http://www.lookpolymers.com/polymer_Saint-Gobain-Chemlam-2200-Multi-plyed-Flexible-Non-porous-Fluoropolymer-Laminated-Composite.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.869 g/cc	1.869 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
	9.0	9.0	Lbs./In. for warp/longitudinal Propagation Tear Strength
Tear Strength	24.5 kN/m	140 pli	Fill/Transverse direction
	35.1 kN/m	200 pli	Warp/Longitudinal direction

Descriptive Properties	Value	Comments
Color	Brown/Natural	
Weight (oz/yd <sup>2</sup> )	9.8	

## Contact Songhan Plastic Technology Co.,Ltd.

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