

Saint-Gobain Chemlam® 3300 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 0.0088 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-3300-Multi-plyed-Flexible-Non-porous-Fluoropolymer-Laminated-Composite.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.896 g/cc	1.896 g/cc	Woven Density

Mechanical Properties	Metric	English	Comments
Tear Strength Test	7.0	7.0	Lbs./In. Propagation Tear Strength in fill/transverse direction
	16	16	Lbs./In. for warp/longitudinal Propagation Tear Strength
Tear Strength	40.3 kN/m	230 pli	Fill/Transverse direction
	57.8 kN/m	330 pli	Warp/Longitudinal direction

Descriptive Properties	Value	Comments
Color	Brown/Natural	
Weight (oz/yd ²)	12.5	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China