

Saint-Gobain Chemlam® 3320 High Mechanical Performance Industrial Laminate

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Description: Chemlam® Silver Ultra is the best mechanically performing series of Chemfab® industrial laminates. Chemlam® Silver Ultra composites feature uniform thickness, multi-layer cast PTFE films laminated to fiber glass reinforcements. Chemfab® laminates outperform traditional PTFE-coated products of similar weight and thickness. 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. Bi-colored laminate: Attractive silver top surface is similar in appearance to PTFE cookware; black bottom surface gives clean appearance to composite. 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 0.011 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-3320-High-Mechanical-Performance-Industrial-Laminate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.942 g/cc	1.942 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
	7.0	7.0	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	Silver/Black	
Weight (oz/yd ²)	16	

Contact Songhan Plastic Technology Co.,Ltd.

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