

SHEERFILL® SGM-70

SGM is a family of shade mesh architectural fabrics used in façade and shading applications. The composite is made of fiberglass and polytetrafluoroethylene (PTFE).

The mesh construction allows for more lighting to enter the space and allows air to circulate through the fabric.

All SHEERFILL® membranes conform to rigid fire and building codes for permanent structures.

Typical Properties

Property	Value	Test Method
Coated Fabric Weight (oz/yd ²)	13 nominal	ASTM D4851-88
Breaking Strength (lb/in) Warp Fill	300 min. avg. 300 min. avg.	ASTM D4851-88
Trapezoidal Tear (lb) Warp Fill	50 min. avg. 50 min. avg.	ASTM D4851-88
Translucency (%)	70 nominal.	-
Open Area (%)	65 nominal	-
Burning Characteristics		
Flame Spread	0 max	ASTM E84
Smoke Generation	15 max	Tunnel Test
Incombustibility of Substrates	Pass	ASTM E136
Flame Resistance	Pass	NFPA 701 Small scale

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Values listed are for virgin roll goods only. Appropriate industry safety factors need to be used to account for the in-service effects of handling, weathering, etc. Product specifications are subject to change. Please consult with Saint-Gobain to confirm latest version of this data sheet.

Solar properties are for fully sun-bleached material.

Saint-Gobain Films & Fabrics
701 Daniel Webster Highway
Merrimack, NH 03054
Customer Service: +1 800 451 6101
Telephone: +1 603 424 9000

sheerfill@saint-gobain.com

www.sheerfill.com

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IMPORTANT: It is the user's responsibility to ensure the suitability, fitness and safety of Saint-Gobain Films & Fabrics products for all intended uses and that the components to be used comply with all applicable regulatory requirements. Saint-Gobain Films & Fabrics assumes no responsibility or liability for any advice furnished by it or for any product failures that occur due to installation or misuse arising out of the design, fabrication or application of the products into which they are incorporated.

Limited Warranty: Please see the limited warranty available from Saint-Gobain Films & Fabrics for details of warranty coverage for the specific SHEERFILL product. If you have questions about the limited warranty, please contact Saint-Gobain Films & Fabrics as referenced above.

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