

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 (g/m ²)	440 nominal	DIN 53352
Tensile Strength (N/5cm)		
Warp	2500 min. avg.	DIN 53354
Fill	2200 min. avg.	
Trap Tear Strength (N)		
Warp	200 min. avg.	DIN 53363
Fill	200 min. avg.	
Open Area (%)	70 nominal	-
Fire Testing	A2-s1-d0	EN 13501
Burning Characteristics		
Flame Spread	10 max	ASTM E84
Smoke Generation	10 max	Tunnel Test
Incombustibility of Substrates	Pass	ASTM E136
Flame Resistance	Pass	ASTM 108

THIS DOCUMENT IS A DRAFT DATA SHEET BASED ON LIMITED PRODUCTION DATA AND DOES NOT NECESSARILY REPRESENT THE FINAL VERSION. PLEASE CONSULT WITH SAINT-GOBAIN BEFORE FINALIZING DESIGN.

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

SHEERFILL® is a registered trademark
 ©2019 Saint-Gobain Films & Fabrics

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.

Valid 07/2020 • Supersedes all previous versions
 PDS.SFSGM-70(DIN).0720.CFMC