

# SGM™-9

## SGM™-9 Mesh Architectural Products

SGM is a trademark for a family of mesh architectural products used in shade 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.

### Saint-Gobain Performance Plastics

701 Daniel Webster Highway  
Merrimack, NH 03054

Tel: +1 603 420 1250

Fax: +1 603 424 9012

[sheerfill@saint-gobain.com](mailto:sheerfill@saint-gobain.com)  
[www.sheerfill.com](http://www.sheerfill.com)

## Typical Properties<sup>1</sup>

Property	Value	Method
<b>Coated Fabric Weight</b> (g/m <sup>2</sup> )	700 nominal	DIN 53352
<b>Breaking Strength</b> (N/5 cm)		DIN 53354
Dry, Warp	4500 min. avg.	
Dry, Fill	4050 min. avg.	
<b>Trapezoidal Tear</b> (N)		DIN 53363
Warp	700 min. avg.	
Fill	600 min. avg.	
<b>Count</b> (yarns/cm)		DIN 853830
Warp	6 min. avg.	
Fill	6 min. avg.	
<b>Weave Style</b>	Mock Leno	—
<b>Open Area</b> (%)	20 nominal	—
<b>Translucency at 550 nm</b> (%)	34 nominal	—
<b>Fire Testing</b>	A2-s1-d0	EN 13501
<b>Burning Characteristics</b>		
Flame Spread	0 max	ASTM E84
Smoke Generation	15 max	Tunnel Test
<b>Incombustibility of Substrates</b>	Pass	ASTM E136
<b>Flame Resistance</b>	Pass	NFPA 701, Small Scale
<b>Color</b>	Tan (white after exposure to sunlight)	—

<sup>1</sup>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.



Listed product ID  
#3131108SAT-002



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