

AuroraFlex™ GTPR-08-062-G3-9003 White

Aurora Material Solutions, LLC - *Styrene Butadiene Styrene Block Copolymer*
General Information
Product Description

An SBS compound that can be direct injection molded to canvas without priming or adhesives.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Aerospace Applications • Agricultural Applications • Appliances • Automotive Applications • Capstock	• Consumer Applications • Electrical/Electronic Applications • Energy Storage • Film • Footwear	• Furniture • Medical/Healthcare Applications • Personal Care • Sheet
Appearance	• White		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.01 to 1.07		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	95	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance ² (1000 Cycles, H-18 Wheel)	655	mg	ASTM D1044
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	87.0	psi	ASTM D412
Tensile Strength	754	psi	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Tear Strength	110	lbf/in	ASTM D624
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	30 to 36		ASTM D2240

Notes
¹ Typical properties: these are not to be construed as specifications.

² (Wgt. Loss)
