

**AuroraFlex™ 2003X3-75**

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

An economical, general purpose, SEBS compound designed for extrusion and injection molding. Can be used in place of TPV's where highest chemical and/or temperature resistance are not required.

Note: Additional custom color matching is available upon request.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose		
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	• Colors Available		
Processing Method	• Extrusion	• Injection Molding	

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.932 to 0.992		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	609	psi	ASTM D638
Flexural Modulus	13000	psi	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	3100	psi	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Tear Strength	244	lbf/in	ASTM D624
Compression Set	29	%	ASTM D395
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78 to 84		ASTM D2240

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

