

AuroraFlex™ EXC 18044-B67A

 Aurora Material Solutions, LLC - *Thermoplastic Elastomer*
General Information
Product Description

An SEBS based thermoplastic elastomer compound designed for extrusion applications.

Note: Additional custom color matching is available upon request.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24 to 1.30		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	225	psi	ASTM D638
Tensile Strength	1490	psi	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, Injection Molded)	67		ASTM D2240
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.13 in)	V-0		UL 94

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	330	°F
Cylinder Zone 2 Temp.	350	°F
Cylinder Zone 3 Temp.	360	°F
Cylinder Zone 4 Temp.	370	°F
Melt Temperature	689	°F
Die Temperature	716	°F

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