

## AuroraFlex™ 2860

Aurora Material Solutions, LLC - *Styrene Ethylene Butylene Styrene Block Copolymer*

### General Information

#### Product Description

2860 is a high flow, SEBS based compound designed for injection molding applications.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Copolymer • High Flow		
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	• Injection Molding		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	30	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	653	psi	ASTM D412
Tensile Elongation (Break)	480	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	60		ASTM D2240

### Processing Information

Injection	Nominal Value	Unit
Rear Temperature	300 to 331	°F
Front Temperature	331 to 360	°F
Nozzle Temperature	370 to 421	°F
Mold Temperature	70 to 100	°F
Injection Rate	Fast	
Back Pressure	99.9 to 200	psi
Screw Compression Ratio	2.5:1.0 to 3.0:1.0	

