

AuroraFlex™ EL 2820E

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

General Information

Product Description

AuroraFlex 2820E is a translucent thermoplastic elastomer compound formulated for applications that require ultra soft rubber-like properties.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Soft		
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	• Translucent		
Processing Method	• Compounding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.882		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	69.6	psi	ASTM D412
Tensile Strength	270	psi	ASTM D412
Tensile Elongation (Break)	950	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	20		ASTM D2240

