

## AuroraFlex™ 2890E

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

### General Information

#### Product Description

2890E is a translucent thermoplastic elastomer that has been developed for applications that require rubber-like properties and high strength impact resistance. 2890E is FDA compliant and well suited for consumer goods and industrial applications. 2890E can be overmolded and/or coextruded onto polypropylene.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Impact Resistance		
Uses	• Consumer Applications	• Industrial Applications	• Overmolding
Agency Ratings	• FDA		
Processing Method	• Extrusion	• Injection Molding	

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1350	psi	ASTM D412
Tensile Strength	2320	psi	ASTM D412
Tensile Elongation (Break)	540	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	92		ASTM D2240

### Notes

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

