

## AuroraFlex™ 1264FR

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

### General Information

#### Product Description

A 125°C TPE material designed to meet high temperature requirements for appliance and automotive wiring applications.

AuroraFlex 1264FR complies with the RoHS Directive

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Uses	• Appliances	• Automotive Applications	• Wire & Cable Applications
RoHS Compliance	• RoHS Compliant		
Processing Method	• Extrusion		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25 to 1.31		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	2390	psi	ASTM D412
Tensile Elongation (Break)	310	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	61 to 67		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (316°F, 168 hr)	4.0	%	UL Unspecified
Change in Ultimate Elongation (316°F, 168 hr)	-59	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.030 in)	5VA		UL 94
Oxygen Index	30	%	ASTM D2863

### Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	375 to 390	°F

### Notes

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

