

## AuroraFlex™ GA-4283-RCT

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

### General Information

#### Product Description

An 80°C, flame retardant FT-4, RoHS Compliant, TPE jacketing material with good processability.

Note: Additional custom color matching is available upon request. Preliminary data.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Additive	• Flame Retardant		
Features	• Flame Retardant	• Good Processability	
Uses	• Jacketing		
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.36		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2490	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80 to 86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Temperature Rating	80.0	°C	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

### Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	300	°F
Cylinder Zone 2 Temp.	309	°F
Cylinder Zone 3 Temp.	320	°F
Cylinder Zone 4 Temp.	331	°F
Melt Temperature	345	°F
Die Temperature	340 to 351	°F

### Notes

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

