

## AuroraFlex™ 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	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.	310	°F
Cylinder Zone 3 Temp.	320	°F
Cylinder Zone 4 Temp.	330	°F
Melt Temperature	345	°F
Die Temperature	340 to 350	°F

