

AuroraFlex™ GTPE-2203

 Aurora Material Solutions, LLC - *Thermoplastic Elastomer*
General Information
Product Description

UL 62 TPE for SJE, SJEO, SE, SEO rated 60° or 90°C, Class 36 90°C or 105°C jacket, 720 hr. for outdoor use, VW1 or FT1, 50°C, Optional SJE, SE water resistant, "W-A"

CSA - TPE jacketed cord, SJT, SJTO, ST, STO rated 60°C, Outdoor SJTW, STW, rated 60°C, FT2

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Features	• Low to No Water Absorption
Uses	• Jacketing

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.16 to 1.20		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1410	psi	ASTM D412
Tensile Elongation (Break)	390	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	57 to 63		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-74.2	°F	ASTM D746
Deformation - 1 hr (302°F)	63	%	UL Unspecified
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
140°F, 168 hr, in Oil	32	%	
277°F, 168 hr	19	%	
Change in Ultimate Elongation			UL Unspecified
140°F, 168 hr, in Oil	-9.0	%	
277°F, 168 hr	-15	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

