

## AuroraGuard™ GTPE-2272SG-6500

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

### General Information

#### Product Description

A 105°C rated, UV and fungi resistant, flame retardant, TPE jacketing compound with excellent low temperature properties. GTPE-2272SG-6500 is RoHS compliant.

Note: Additional custom color matching is available upon request.

#### General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Additive	• Flame Retardant
Features	• Flame Retardant • Fungus Resistant • Low Temperature Toughness • UV Resistant
Uses	• Cable Jacketing
RoHS Compliance	• RoHS Compliant
Appearance	• Colors Available

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.27 to 1.33		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1800	psi	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	76 to 82		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-79.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength			UL Unspecified
212°F, 96 hr, in Oil	-15	%	
277°F, 168 hr	-5.0	%	
Change in Ultimate Elongation			UL Unspecified
212°F, 96 hr, in Oil	-15	%	
277°F, 168 hr	-20	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Fungal Resistance	0.00 to 1.00		ASTM G21

