

**AuroraFlex™ GTPE-2272-6500MATTE**

 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-2272-6500MATTE is RoHS compliant.

Note: Additional custom color matching is available upon request.

**General**

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

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.30 to 1.36		ASTM D792
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	1800	psi	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Durometer Hardness (Shore A, 15 sec)	76 to 82		ASTM D2240
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Brittleness Temperature	-74.2	°F	ASTM D746
Deformation Under Load - 150°C/2kg	40	%	UL 2556
<b>Aging</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
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	%	
<b>Flammability</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Oxygen Index	36	%	ASTM D2863
<b>Additional Information</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Fungal Resistance	0.00 to 1.00		ASTM G21

