

## AuroraGuard™ GTPO8102E-OF

Aurora Material Solutions, LLC - *Compounded Polypropylene*

### General Information

#### Product Description

GTPO8102E-OF is Rubber modified FR, polypropylene based compound, suitable for insulation and jacketing compound and is formulated to meet CSA test C22-2 No. 0.6 flame test. GTPO8102E-OF is currently used in flat ribbon cable, heat trace and appliance wire applications requiring compound rated for 105°C continuous temperature service.

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 <sup>1</sup>   |                 |                 |
| Features        | • Flame Retardant                |                 |                 |
| Uses            | • Cable Jacketing                | • Insulation    |                 |
| Agency Ratings  | • CSA C-22-2, No. 0.6 flame test |                 |                 |
| Appearance      | • Colors Available               |                 |                 |

### Properties <sup>2</sup>

| Physical                             | Nominal Value | Unit | Test Method |
|--------------------------------------|---------------|------|-------------|
| Density / Specific Gravity           | 1.19 to 1.25  |      | ASTM D792   |
| Mechanical                           | Nominal Value | Unit | Test Method |
| Tensile Modulus                      | 326000        | psi  | ASTM D638   |
| Tensile Strength                     | 6530          | psi  | ASTM D638   |
| Flexural Strength                    | 12000         | psi  | ASTM D790   |
| Hardness                             | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 92 to 98      |      | ASTM D2240  |
| Thermal                              | Nominal Value | Unit | Test Method |
| Brittleness Temperature              | -49.0         | °F   | ASTM D746   |
| Flammability                         | Nominal Value | Unit | Test Method |
| Oxygen Index                         | 27            | %    | ASTM D2863  |

### Notes

<sup>1</sup> Rubber Modified

<sup>2</sup> Typical properties: these are not to be construed as specifications.

