

AuroraGuard™ GPE3003-36

Aurora Material Solutions, LLC - Polyethylene

General Information
Product Description

Flame-Retardant Concentrate in Polyethylene

Note: Additional custom color matching is available upon request.

GPE3003-36 is a PE based, flame retardant concentrate, with 1.44 g/cm³ nominal density and a nominal melt flow of 10.0 g/10 mins. and is designed to impart flame resistance to polyolefin. Dependent upon let-down ratio in extrusion or molding grade resins, GPE3003-36 can provide a range of V-2 to V-0 flammability UL-94 ratings.

GPE3003-36 complies with current RoHS requirements

GPE3003-36 performance in a specific resin system may be submitted to Underwriters Laboratories for confirmatory UL Recognition.

General

| | |
|-------------------|---|
| Material Status | • Commercial: Active |
| Availability | • Africa & Middle East • Europe • North America • Asia Pacific • Latin America |
| Additive | • Flame Retardant |
| Features | • Flame Retardant |
| Uses | • Concentrate |
| RoHS Compliance | • RoHS Compliant |
| Appearance | • Colors Available |
| Processing Method | • Extrusion |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|-------------------------|----------|-------------|
| Density / Specific Gravity | 1.44 | | |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 10 | g/10 min | |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | • V-2 • V-1 • V-0 | | UL 94 |

