



PolyOne 2816 GREY

Polyethylene

Key Characteristics

Product Description

2816 GREY is designed for polyethylene pipe applications. Under proper letdown conditions, it is compatible with most PE resins. This is a non-heavy metal concentrate.

This concentrate contains an ultraviolet light stabilizer and antioxidant package. This package is intended to provide roughly a three-year storage life from time of manufacture until below-ground installation. Life expectancy is based on a 2% letdown ratio.

General

| | | |
|-----------------------|----------------------|---------------------|
| Material Status | • Commercial: Active | |
| Regional Availability | • North America | |
| Additive | • Heat Stabilizer | • UV Stabilizer |
| Forms | • Pellets | |
| Processing Method | • Pipe Extrusion | • Profile Extrusion |

Technical Properties ¹

| Physical | Typical Value (English) | Typical Value (SI) | Test Method |
|---|--|--|-------------|
| Melt Mass-Flow Rate (MFR) (190°C/21.6 kg) | 40 g/10 min | 40 g/10 min | ASTM D1238 |
| Additional Information | Typical Value (English) | Typical Value (SI) | |
| Carrier Resin | Medium Density Polyethylene | Medium Density Polyethylene | |
| Pigment Content | Mixture of TiO ₂ and Carbon Black | Mixture of TiO ₂ and Carbon Black | |

Pigment Loading

30 %

30 %

Actual weathering will depend on exposure/time conditions. Suitability for the specific end use should be verified with appropriate testing.

Notes

¹ Typical values are not to be construed as specifications.