



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.

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