



PolyOne E002974 PEC Grey 2:100

Polyethylene

Key Characteristics

Product Description

This product is a custom colorant/stabilizer concentrate that will provide not only excellent color consistency, but also outstanding weatherability.

General

Material Status	• Commercial: Active
Regional Availability	• North America
Additive	• 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)			ASTM D1238
190°C/2.16 kg	0.15 to 0.60 g/10 min	0.15 to 0.60 g/10 min	
190°C/21.6 kg	35 to 45 g/10 min	35 to 45 g/10 min	
Ash Content	18 to 26 %	18 to 26 %	
Bulk Density	31.0 to 39.0 %	31.0 to 39.0 %	ASTM D1622
Additional Information	Typical Value (English)	Typical Value (SI)	

Carrier Resin - Proprietary

MDPE

MDPE

LET DOWN RATIO

This product should be used at 2% to achieve the desired end product effect. Let down ratio may be affected by processing conditions, end product application, and environmental conditions.

PROCESSING

This product is considered to be thermal stable in the customary processing range of 325°F - 500°F. Extended polymer and concentrate residence time in the process equipment may require that process temperature profiles be reviewed and/or adjusted to insure a suitable end product.

Notes

¹ Typical values are not to be construed as specifications.