



Viton™ FreeFlow™ GB

Fluoroelastomers

Technical Information

Introduction

Viton™ FreeFlow™ GB is a blended fluoropolymer processing additive powder designed for improved performance in polyethylene resins. The additive contains fluoropolymer powder and granular polyethylene.

Advantages

- Processing improvements in all types of polyolefins
- Ease of feeding when high blend ratios are required
- Ease of handling
- Easily dispersed, due to fine particle starting point
- Uniformity of low ratio blends is improved over pellet blends

Formulation Guidelines

To assist in resin formulation, the following can be used as a general guide:

Elimination of Sharkskin Melt Fracture, ppm	
In standard film resins	600-1,200
In heavily filled or pigmented film	1,200-1,800
Reduction of Die Buildup, ppm	
	100-400

Levels are parts per million Viton™ FreeFlow™ GB

These numbers are intended to be starting points for formulation. The actual level required will depend on a multitude of factors.

Typical Physical Properties

Appearance	Pale white to light amber, uniform free-flowing powder
Packaging	20-kg bag
Shelf Life, yr	4*

*Normal storage conditions—dry, unopened, temperature below 27 °C (80 °F)

Safety and Handling

Viton™ FreeFlow™ GB is considered a safe material to handle. It is stable at the temperatures at which polyolefins are formulated and processed. However, prior to the use of Viton™ FreeFlow™ GB in polyolefins, review the Safety Data Sheet (SDS) and follow the recommendations in the Chemours technical bulletin, "Guide for Concentrate Preparation and Handling of Viton™ FreeFlow™ PPAs."



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For more information, visit Viton.com

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