



# 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](http://Viton.com)**

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