



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
Specific Gravity	1.81 ± 0.03
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."



Chemours™

For more information, visit Viton.com

The information set forth herein is furnished free of charge and based on technical data that Chemours believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Because conditions of product use are outside our control, Chemours makes no warranties, express or implied, and assumes no liability in connection with any use of this information. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

NO PART OF THIS MATERIAL MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF CHEMOURS.

© 2016 The Chemours Company FC, LLC. Viton™, FreeFlow™, and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC. Chemours™ and the Chemours Logo are trademarks of The Chemours Company.

Replaces: VFE-H77626-00-G0910

C-10937 (9/16)