

milGlide™

Masterbatch Concentrate

Introduction

Miller-Stephenson's Masterbatch Concentrate presents the best option to produce a MilGlide™ compound that can be introduced into different injected molded and extruded applications. It is used where improved coefficient of friction is required and non-liquid filling compounding capabilities exist. Our carrier is a 12% MilGlide™ oil and Ester-Olefin based material. It is compatible with a wide range of medical grade resin families such as:

- TPU • Pebax • EVA • PA11 • HDPE • PP • PC • PMMA
- Polyester • PVC • PVDF • ABS

USP Class VI

Key Benefits & Characteristics

- Reduces Coefficient of Friction
- Blooms Toward Surface
- Ready for Dry Blending
- Acts Like a Mold Release
- Reduces Wear and Abrasion
- Eliminates Marring and Scratching
- Inert to Polymers
- Non-Silicone / Non-PVP

Applications & Technical Data

Common Uses

- Injection Molded Parts
- Medical Packaging
- Tacky Surfaces
- Large Run ½" to ¾" Tubing
- Multi-Layer Packaging
- Access Sheaths
- Ideal for Pre-Compounded Materials

Operating Information:

The Ester-Olefin pellets are a 12% concentrate to be let down at 2.1% to 8.3% to achieve a MilGlide™ content of 0.25-1% (by weight) in the final part. Adds value and is beneficial for process extruders with non-mixing capabilities.



For technical information call 800.992.2424 or 203.743.4447

For product sales: CT 800.442.3424, CA 800.771.8161, IL 800.447.4866, Canada 800.307.2199

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