

Fluoro GE-100RC

PTFE Micropowder

Fluoro GE designates a series of sub-micron PTFE powders made from emulsion grade virgin PTFE. This series covers a range of molecular weights which determine dispersability, thickening and performance properties. Due to the small particle size, the GE products have a larger specific surface area when compared to other PTFE.

Product Description:

Fluoro GE-100RC is a high molecular weight polytetrafluoroethylene (PTFE) micropowder with a narrow particle size distribution. This product is produced to be in compliance with EU regulatory requirements.

Applications:

Fluoro GE-100RC is used for applications in products such as aerosol lubricants, mold release, gasket grease, extreme pressure grease, bearing lubricants and other products. This product can be used in NSF grade greases and lubricants.

Features and Benefits:

-  Excellent Thickener
-  Food Grade

Typical Properties:

	Appearance:	White Odorless Powder
	Primary Particle Size Mean Value:	< 1 μ m
	Cone Penetration:	220 – 280 1/10mm
	Specific Surface Area	8 -10 m ² /g
	DSC Melting Point:	325 - 330 °C

Regulatory Status:

The components of this product are listed on multiple chemical inventories. For specific information on the applicable chemical inventories, please refer to the product SDS. This product meets the requirements of 21 CFR 175.105, 175.300, 176.170, 176.180, 177.1550 and 177.1556. NSF HX-1, and HX-2 category. This product complies with the Commission Delegated Regulation (EU) 2020/784 on PFOA and (EU) 2021/1297 on C9-C14 (per Shamrock QSOP-202E and QSOP-205E).

Safety, Shipping and Handling:

For complete safety, shipping and handling information please contact your regional Customer Service Representative, or our Customer Service Team at customerserviceteam@shamrocktechnologies.com.

For **more** information about Shamrock's other products or capabilities please visit us at our website, ShamrockTechnologies.com.

Corporate Headquarters
Foot of Pacific Street
Newark, NJ 07114
Phone: +1(800)349-1822

Henderson, KY
301 Community Drive
Henderson, KY 42420
Phone: +1(800)349-1822

Tongeren, Belgium
Heersterveldweg 21,
B-3700 Tongeren Belgium
Phone: +32 1245 8330

Tianjin, China
Fty 5, Ave. 9, TEDA
Phone: +86 22 5981 3085

The information contained in this document is, to the best of our knowledge, true and accurate. Although every effort is made to provide complete and accurate information, neither Shamrock nor any of its affiliates makes any representation, express or implied, regarding the accuracy of the data, the results to be obtained from the use thereof, and assumes no liability or responsibility for any errors or omissions, or that any such use will not infringe any patent. This information is being provided to you to assist with the evaluation of the materials described herein, and should not be relied upon without verification by you.

Issue Date: 2/20/2026