

Fluoro GE 100-RC

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 100-RC 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 100-RC 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 μm
 Cone Penetration:	220 – 280 1/10mm
 Specific Surface Area	8 -10 m^2/g
 DSC Melting Point:	325 - 330 $^{\circ}\text{C}$

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.

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