

**MicroFLON® 1433FG-RC**

PTFE Powder




**Product Description:**

MicroFLON® 1433FG-RC is a micronized polytetrafluoroethylene (PTFE) powder and is produced to be in compliance with EU regulatory requirements. MicroFLON® 1433FG-RC is designed for use in food contact applications in compliance with the U.S. Federal Food and Drug Administration's (FDA) regulations.





**Application:**

MicroFLON® 1433FG-RC is developed as a performance additive for thermoplastic polymers and elastomers to reduce friction and enhance anti-wear properties. It may be compounded into polyesters, polyamides, polyacetals, polycarbonates, and other engineering plastics and their blends. Addition of 5 – 25% of total formula weight MicroFLON® 1433FG-RC provides excellent lubricity and anti-wear properties.

**Features and Benefits:**

-  Friction Reduction
-  Wear Resistance
-  Improved Stick-Slip Response

**Typical Properties:**

 Appearance:	White Powder
 Bulk Density:	300 – 550 g/l
 Particle Size Mean Value:	4-6 µm
 DSC Melting Point:	620 °F / 328 °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 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 refer to the product SDS, contact your regional Customer Service Representative, or contact our Customer Service Team by e-mail at [customerserviceteam@shamrocktechnologies.com](mailto:customerserviceteam@shamrocktechnologies.com).

For more information about Shamrock's other products, please visit us at our website, [ShamrockTechnologies.com](http://ShamrockTechnologies.com).

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