Technical Data

MicroFLON® T-807-RC

PTFE Powder

Product Description:

MicroFLON® T-807-RC is a micronized polytetrafluoroethylene (PTFE) powder and is produced to be in compliance with EU regulatory requirements.

Application:

MicroFLON® T-807-RC is developed as a performance additive for thermoplastic polymers and elastomers to reduce friction and enhance anti-wear properties. MicroFLON® T-807-RC is manufactured from recycled PTFE and offers a significant reduction in carbon footprint relative to the use of virgin PTFE. 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® T-807-RC provides excellent lubricity and anti-wear properties.

Features and Benefits:

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

Typical Properties:

Particle Size Mean Value:	10 – 14 µm
Bulk Density:	350 – 550 g/l
Specific Gravity:	2.10 – 2.20
DSC Melting Point:	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 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.

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

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