

## NanoFLON 101T-RC

For Food Contact

### Product Description:

This PTFE powder is a virgin PTFE micronized to various particle sizes and are FDA compliant for applications requiring food contact. This product is produced to be in compliance with EU regulatory requirements.





### Application:

NanoFLON 101T-RC is designed for food contact applications. These applications include: food processing, machine parts, and medical devices. This PTFE additives are recommended for thermoplastics and elastomers to reduce friction and enhance anto-wear properties.







This powder can be compounded into polyesters, polyamides, polyacetals, polycarbonate, and other engineering plastics. NanoFLON 101T-RC is effective in elastomers and blends of various engineering plastics.

**Recommended Level:** 10 – 30% of the total formula weight.

### Features and Benefits:

-  Friction Reduction
-  Improves Stick-Slip Response
-  Enhances Wear Resistance
-  Reduce Noise

### Typical Properties:

|   |                             |
|---|-----------------------------|
|  Appearance:               | White Odorless Powder       |
|  Particle Size Mean Value: | < 20 µm                     |
|  Primary Particle Size:    | 0.2 µm                      |
|  Melting Point:            | > 328°C                     |
|  Bulk Density:             | 200 – 500 g/l               |
|  Surface Area:             | 6.0 – 8.0 m <sup>2</sup> /g |

### 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 shipping, handling, health and safety information please contact your regional Customer Service Representative. Please contact them at your convenience for instructions and Material Safety Data Sheets, the contact information is located below.

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