

# NanoFLON® 160G-RC

PTFE Micropowder



## Product Description:

NanoFLON® 160G-RC is a low molecular weight PTFE that consists of loose agglomerates of primary particles. The high surface area of these free-flowing powders makes them efficient thickeners. Its small primary particle size allows it to fit between “point” contacts between mating surfaces, and into small asperities, to prevent wear, and improve release properties. It is produced to be in compliance with EU regulatory requirements.






## Application:

NanoFLON® 160G-RC is suitable for greases and lubricants made for mil-spec, automotive, aerosol, and other industrial applications such as thin film coatings.

## Features and Benefits:

-  High Surface Area
-  Reduce Wear and Noise

## Typical Properties:

 Appearance	White Powder
 Particle Size Mean Value	< 6 µm
 Primary Particle Size	< 0.8 µm
 Specific Surface Area	9 – 15 m <sup>2</sup> /g
 DSC Melting Point	325 – 330 °C

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## Regulatory Status

This product is NSF-registered for HX-1 and HX-2 uses. 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 amending Annex I to POPs Regulation (EU) 2019/1021 (per Shamrock QSOP-202E).

## 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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