

MicroFLON[®] S-205-RC

Micronized Polytetrafluoroethylene Powder

Product Description:




MicroFLON[®] S-205-RC powders is a micronized polytetrafluoroethylene (PTFE) powders and produced to be in compliance with EU regulatory requirements.

Application:





MicroFLON[®] S-205-RC powders are designed for thermoplastics and elastomers to reduce friction and enhance anti-wear properties. They are manufactured from prime PTFE and offer high thermal stability and are ideal for polyphenylene sulfide, polyimide, polyether ether ketone, and other high temperature applications.

MicroFLON[®] S-205-RC powders can be compounded into polyesters, polyamides, polyacetals, polycarbonates, and other engineering plastics and their blends. Addition of 5 – 25% of total formula weight PTFE provides excellent lubricity and anti-wear properties.

Features and Benefits:

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

Typical Properties:

	Particle Size Mean Value:	12 - 22 μ m
	Bulk Density:	300 - 550 g/l
	Melting Point:	> 328 °C
	Specific Gravity:	2.15 - 2.20

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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