

SST[®]-2-RC

PTFE Micropowder

SST[®] products are Shamrock's PTFE micropowders that are defined by particle size and distribution, molecular weight, crystallinity, surface area, oil adsorption, powder flow, and color. Made primarily from highly controlled recycled PTFE feedstocks, SST[®] products are used for their ability to provide slip, non-stick, water repellency, texture, release, rub, and abrasion resistance to surfaces.





Product Description:

SST[®]-2-RC is a polytetrafluoroethylene (PTFE) micropowder, and is produced to be in compliance with EU regulatory requirements.






Applications:

SST[®]-2-RC is developed as a performance additive to enhance surface properties in inks and coatings. It is recommended for use in powder, paste and liquid formulations, including water-based, solvent-based, and UV inks and coatings systems. Addition of 1 – 5% of total formula weight of SST[®]-2-RC provides excellent lubricity and abrasion resistance. SST[®]-2-RC is readily mixed into inks and coatings using standard high speed dispersion equipment.

Features and Benefits:

-  Slip (Low Friction)
-  Abrasion and Rub Resistance
-  Release
-  Anti-Blocking Properties

Typical Properties:

	Particle Size Mean Value:	8 µm
	99% of Particles Under:	30 µm
	NPIRI Grind:	5.0 Max
	Hegman Grind:	6.0 Min
	DSC Melting Point:	608 °F / 320 °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 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.

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