

SST[®]-4D-RC

Premier PTFE Micropowder





Product Description:

SST[®]-4D-RC is a high performance micronized polytetrafluoroethylene (PTFE) powder with a tightly controlled particle size distribution, and is produced to be in compliance with EU regulatory requirements.






Application:

SST[®]-4D-RC is developed as a performance additive to enhance surface properties in inks and coatings. Its controlled particle size allows for the efficient transfer of wax during high speed thin film printing, and offering excellent performance during cutting/bindery stages. It is recommended for use in 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[®]-4D-RC provides excellent lubricity and abrasion resistance. SST[®]-4D-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:

 Specific Gravity:	2.15
 Particle Size Mean Value:	3 µm
 NPIRI Grind:	2.0 Max
 Hegman Grind:	6.5 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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