

FluoroSLIP® 421T-RC

Synthetic Wax/PTFE Blend

In 1975, Shamrock discovered that the combination of PTFE and wax provided slip and rub/abrasion resistance that neither could do alone. FluoroSLIP® products are formulated on this principle.





Description:

FluoroSLIP® 421T-RC is a blend of spherical synthetic wax and PTFE and is produced to be in compliance with EU regulatory requirements.






Application:

FluoroSLIP® 421T-RC is developed as a performance additive to enhance surface properties in inks and coatings. 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 FluoroSLIP® 421T-RC provides excellent lubricity and abrasion resistance. FluoroSLIP® 421T-RC is readily mixed into ink and coating formulations using standard high speed dispersion equipment.

Features and Benefits:

-  Slip (Low COF)
-  High Rub Resistance
-  Mar and Taber Abrasion Resistance
-  Block Resistance

Typical Properties:

 Specific Gravity:	1.14
 Particle Size Mean Value:	6 µm
 99% of Particles Under:	15 µm
 NPIRI Grind:	2.5 Max
 DSC Melting Point:	237 °F / 114 °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 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.

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