

Fluo 400SM

A unique emulsion grade PTFE grade consisting of aggregated sub-micron PTFE spheres ideal for thin film coatings and gloss retention

Features and Benefits

- PTFE clusters can be media milled into individual nanospheres less than 200 nm
- Superior gloss retention
- Provides lubricity, rub and abrasion resistance and heat resistance
- High surface area of dispersed particles allow lower dosages
- Specific surface area BET 15-20 m²/g
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Polytetrafluoroethylene (PTFE)

Recommended Addition Levels

0.5-1.0% (on total formula weight)

Systems and Applications

Solvent based and energy curable coatings and inks. Industrial coatings (including plastic and metal); printing inks and OPV's (including flexo and gravure); powder coatings; interior and exterior can and container coatings; coil coatings; floor coatings.

Typical Properties*

	<u>Fluo 400SM</u>
Melting Point ° C	>316
Density @ 25 ° C (g/cc)	2.20
Maximum Particle Size (µm)	31.00
Mean Particle Size (µm)	5.0 - 9.0
Primary Particle Size (nm)	100 - 150

This product is also available as a water based wax dispersion - Microspersion 400SM-40

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