

micropowders.com

# Polyfluo<sup>®</sup> 523XF

A unique extra fine, high performance composite of polyethylene and PTFE for superior surface lubricity with scratch and abrasion resistance

### **Features and Benefits**

- High performance product for adding slip, scratch and abrasion resistance
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- PTFE dramatically enhances abrasion resistance
- High density polyethylene provides improved surface slip
- Extra fine particle size provides excellent gloss retention and film clarity
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

# Composition

Polyethylene/PTFE

# **Recommended Addition Levels**

0.5-1.5% (on total formula weight)

## **Systems and Applications**

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic and metal); stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure); powder coatings; interior and exterior can and container coatings; coil coatings; rubber additives.

### **Typical Properties\***

	Polyfluo 523XF
Melting Point °C	113 - 117
Density @ 25 °C (g/cc)	1.10
NPIRI Grind	1.0 - 2.0
Maximum Particle Size (µm)	15.56
Mean Particle Size (µm)	3.5 - 5.5

This product is also available as a water based wax dispersion - Microspersion 523

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#### Micro Powders, Inc.

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\*The above data reflects typical properties. Please contact Micro Powders for official product specifications. The information contained herein is to the best of our knowledge true and correct and any suggestions are made without guarantee, express or implied, since conditions of use are beyond our control. Micro Powders, Inc. disclaims any liability incurred in connection with the use of any data or suggestions. Nothing contained herein shall be construed as a recommendation to infringe on any existing patents covering any material or its use.