



Polyfluo® 400

A high performance wax/PTFE combination for improved surface lubricity with scratch resistance

Features and Benefits

- High performance product for adding slip and abrasion resistance
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- High slip wax provides excellent surface lubricity
- PTFE dramatically enhances abrasion resistance

Composition

Wax modified PTFE

Recommended Addition Levels

0.5-3.0% (on total formula weight)

Systems and Applications

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic and metal); 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*

| | <u>Polyfluo 400</u> | <u>Polyfluo 400XF</u> |
|-----------------------------------|---------------------|-----------------------|
| Melting Point °C | 108 - 115 | 108 - 115 |
| Density @ 25 °C (g/cc) | 1.21 | 1.21 |
| NPIRI Grind | 1.0 - 2.0 | 1.0 - 1.5 |
| Maximum Particle Size (µm) | 22.00 | 11.00 |
| Mean Particle Size (µm) | 5.0 - 6.0 | 3.0 - 5.0 |

Polyfluo 400 is also available as a water based wax dispersion - Microspersion PF400-50

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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.