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*

	Polyfluo 400	Polyfluo 400XF
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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