



AquaPolysilk 19

A unique micronized polyethylene wax composite for lubricity with abrasion and heat resistance in aqueous systems

Features and Benefits

- A synergistic blend of waxes including polyethylene, PTFE and amide
- Provides abrasion and scratch resistance
- Improves heat resistance
- Imparts lubricity, tape release and a smooth surface feel after 12 to 24 hours
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

Modified oxidized HDPE/PTFE

Recommended Addition Levels

0.5-2.0% (on total formula weight)

Systems and Applications

Water based coatings. Industrial coatings (including plastic, metal and leather); wood coatings; printing inks and OPV's (including flexo and gravure); coil coatings; soft touch coatings.

Typical Properties*

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Melting Point °C	102 - 118
Density @ 25 °C (g/cc)	1.02
NPIRI Grind	3.5 - 4.5
Maximum Particle Size (µm)	31.00
Mean Particle Size (µm)	9.0 - 11.0

PTFE (PFAS) free alternatives: **AquaSuperslip 6550, Aquapoly 511**

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