



Micro Powders

Polysilk® 14

A complex formulated wax composite that provides a high degree of surface slip, scratch and rub resistance with gloss retention and a silky smooth feel

Features and Benefits

- Provides a high level of scratch and rub resistance
- Improves tape release, block resistance, and heat resistance
- Adds surface slip to impart a silky smooth feel
- Maximum lubricity achieved after 12 to 24 hours
- Useful for adding abrasion and antiblock properties to lamination inks at a 0.25-0.5% level
- Conforms to (EU) 2019/1021 & Stockholm Convention (POP)

Composition

HDPE/PTFE/amide

Recommended Addition Levels

0.5-2.0% (on total formula weight)

Systems and Applications

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

Typical Properties*

Polysilk 14

Melting Point °C	96 - 118
Density @ 25 °C (g/cc)	1.02
NPIRI Grind	3.5 - 4.5
Maximum Particle Size (µm)	31.00
Mean Particle Size (µm)	7.5 - 9.5

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

Oct-25