



**MICRO POWDERS, INC.**  
High Performance Wax Additives

## Industrial Coatings

Coatings for industrial products present a range of performance challenges, from improving slip and lubricity to boosting abrasion resistance and anti-blocking. The right Micro Powders additive can enhance these properties while imparting visual and tactile effects that include mattifying, texturing, and soft touch.

## Recommended Products

### Typical Properties

(Selector Guide on reverse side)

Product	Melt Point (°C)	Density (g/cc@25°C)	Mean Particle Size (µm)	Max. Particle Size (µm)
AquaMatte 22	135 - 140	0.99	6.0 - 8.0	22.00
AquaPoly 250	117 - 123	0.98	8.0 - 10.0	31.00
AquaPolyfluo 411	117 - 123	1.10	6.0 - 8.0	22.00
AquaPolysilk 19	102 - 118	1.06	9.0 - 11.0	31.00
Fluo HT	>316	2.20	2.0 - 4.0	12.00
Fluo X-1406	>316	2.20	Primary particle size < 0.3 µm	
MicroKlear 116	107 - 113	0.97	4.0 - 5.25	15.56
MicroKlear 709	119 - 124	1.10	4.0 - 6.0	22.00
MicroMatte 1213 UVW	150 - 156	1.11	5.0 - 7.5	22.00
Micropro 440W	150 - 156	0.94	7.0 - 10.0	31.00
Micropro 500	141 - 143	0.94	4.5 - 7.5	22.00
Microspersion 526E	N/A	1.00	N/A	N/A
MicroTouch Series	N/A	1.05	Available from 5 µm - 35 µm mean	
MP-22XF	102 - 106	0.94	5.0 - 6.0	22.00
MPP-620VF	114 - 116	0.95	5.0 - 7.0	22.00
MPP-620XF	114 - 116	0.95	4.5 - 5.5	22.00
NyloTex Series	218 - 224	1.14	Wide range available (20 mesh - 200 mesh)	
Polyfluo 150	113 - 116	1.15	3.5 - 5.5	15.56
Polyfluo 190	121 - 132	0.99	9.0 - 12.0	31.00
Polyfluo 523XF	113 - 117	1.26	3.5 - 5.5	15.56
Polyfluo 900	121 - 132	1.02	9.0 - 12.0	31.00
Polysilk 14	96 - 118	1.04	7.5 - 9.5	31.00
PropylMatte 31	160 - 170	0.86	8.0 - 12.0	31.00
PropylMatte 31HD	160 - 170	1.07	8.0 - 12.0	31.00
PropylMatte 31SA	160 - 170	1.02	8.0 - 12.0	31.00
PropylTex Series	160 - 170	0.89	Wide range available (14 mesh - 325 mesh)	
PropylTex HD Series	160 - 170	1.07	Wide range available (200 mesh - 325 mesh)	
Superslip 6515	124 - 137	0.95	6.0 - 8.0	22.00
Synfluo 178VF	104 - 110	1.03	4.0 - 7.0	22.00

# Industrial Coatings

## Selector Guide

● Extremely Effective   ◐ Very Effective   ○ Effective

💧 Available as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Scratch & Abrasion Resistance	Burnish Resistance	Metal Mark Resistance	Apparent Hardness	Slip and Lubricity	Block Resistance	Increased COF	Matting & Gloss Control	Texture	Soft Touch	Heat Resistance	Early Water Resistance	Gloss Retention	In-Can Stability
💧 AquaMatte 22	Oxidized polyethylene	2.0-5.0%	W	●	○	○	●	◐	○	○	◐	○	○	○	○	○	○
💧 AquaPoly 250	Modified oxidized polyethylene	0.5-2.0%	W	◐	○	◐	◐	◐	○	○	○	○	○	○	○	○	○
💧 AquaPolyflu 411	Modified oxidized polyethylene/PTFE	0.5-2.0%	W	●	◐	●	◐	◐	◐	○	○	○	○	○	○	○	◐
💧 AquaPolysilk 19	Modified oxidized polyethylene/PTFE	0.5-2.0%	W	●	◐	○	◐	●	●	○	○	○	○	○	○	○	◐
💧 Fluo HT	Polytetrafluoroethylene (PTFE)	0.5-2.0%	W,S	●	○	○	○	◐	○	○	○	○	○	●	○	○	○
💧 Fluo X-1406	Submicron spherical PTFE	0.5-1.0%	W,S	◐	○	○	○	◐	○	○	○	○	○	●	○	●	○
MicroKlear 116	Polyethylene/carnauba wax	1.0-3.0%	W,S	◐	○	○	◐	●	●	○	○	○	○	○	○	○	○
MicroKlear 709	PTFE modified polyethylene/carnauba wax	1.0-3.0%	W,S	●	◐	○	●	●	●	○	○	○	○	○	○	○	○
💧 MicroMatte 1213 UVW	Densified modified polypropylene	1.0-5.0%	W,S	◐	●	○	○	○	◐	○	◐	○	○	○	○	○	◐
💧 Micropro 440W	Modified polypropylene	1.0-5.0%	W,S	◐	◐	○	○	○	◐	○	◐	○	○	○	○	○	○
Micropro 500	Modified polypropylene	1.0-5.0%	W,S	◐	◐	○	◐	◐	◐	○	◐	○	○	○	○	○	○
Microspersion 526E	Polyethylene wax emulsion	3.0-6.0%	W	○	○	○	○	◐	○	○	○	○	○	○	○	●	○
MicroTouch Series	Aliphatic polyurethane	4.0-8.0%	W,S	○	●	○	○	○	○	◐	◐	○	●	○	○	○	◐
💧 MP-22XF	Fischer-Tropsch wax	1.0-3.0%	W,S	◐	○	○	○	◐	○	○	○	○	○	○	◐	○	○
💧 MPP-620VF/XF	High density polyethylene	1.0-3.0%	W,S	◐	◐	◐	◐	◐	○	○	○	○	○	○	○	○	○
NyloTex Series	Polyamide (Nylon 6)	4.0-6.0%	W,S	●	○	○	○	○	◐	◐	○	○	○	○	○	○	◐
💧 Polyflu 150	Polyethylene/PTFE	0.5-3.0%	W,S	◐	◐	○	●	●	◐	○	○	○	○	○	○	○	◐
💧 Polyflu 190	Polyethylene/PTFE	0.5-3.0%	W,S	●	●	●	◐	○	◐	○	○	○	○	○	○	○	○
💧 Polyflu 523XF	Polyethylene/PTFE	0.5-3.0%	W,S	●	◐	○	●	●	◐	○	○	○	○	○	○	○	◐
💧 Polyflu 900	Ceramic modified polyethylene/PTFE	0.5-3.0%	W,S	●	●	●	●	○	◐	○	○	○	○	○	○	○	○
Polysilk 14	Modified polyethylene/PTFE	0.5-2.0%	W,S	◐	◐	○	◐	●	●	○	○	○	○	○	○	○	◐
PropylMatte 31	Polypropylene	2.0-5.0%	S	○	●	○	○	○	○	◐	●	○	○	○	○	○	○
💧 PropylMatte 31HD	Densified polypropylene	2.0-5.0%	W	○	●	○	○	○	◐	◐	●	○	○	○	○	○	○
💧 PropylMatte 31SA	Densified polypropylene/PTFE	2.0-5.0%	W,S	●	●	○	○	◐	◐	○	●	○	○	○	○	○	○
PropylTex Series	Polypropylene	3.0-10.0%	S	○	◐	○	○	○	◐	●	◐	○	○	○	○	○	○
PropylTex HD Series	Densified polypropylene	3.0-10.0%	W	○	◐	○	○	○	◐	●	◐	○	○	○	○	○	○
Superslip 6515	Polyethylene/Ethylene bis(stearamide)	1.0-3.0%	W,S	◐	◐	○	○	●	●	○	○	○	○	○	○	○	○
Synflu 178VF	Fischer-Tropsch wax/PTFE	0.5-3.0%	W,S	◐	○	○	◐	●	◐	○	○	○	○	○	○	○	○

\* W = Water, S = Solvent