



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

## Energy Curable Inks & Coatings

UV and other energy curable coatings and inks benefit when formulated with wax additives that impart slip, rub, and scratch resistance, while improving hardness and anti-blocking. Micro Powders' products can enhance these properties with the optimum gloss level, soft feel, and durability that your customer demands.

## 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
Fluo 400XF	>316	2.20	2.0 - 4.0	15.56
Fluo 400SM	>316	2.20	Primary particle size < 0.2 µm	
MicroKlear 116	107 - 113	0.98	4.0 - 5.25	15.56
MicroKlear 418AL	81 - 86	1.04	6.0 - 8.0	22.00
MicroMatte 1213 UVW	150 - 156	1.07	5.0 - 7.5	22.00
MicroMatte 2000	146 - 149	0.96	6.0 - 9.0	22.00
Micropro 400	140 - 143	0.94	4.5 - 7.5	22.00
MicroTouch Series	N/A	1.05	Available from 5 µm - 35 µm mean	
MP-22XF	102 - 106	0.93	5.0 - 6.0	22.00
MPP-123	110 - 113	0.93	9.5 - 12.5	31.00
MPP-611AL	109 - 115	0.99	3.5 - 5.5	15.56
MPP-620XF	114 - 116	0.96	4.5 - 5.5	22.00
NatureFine R331	77 - 82	0.96	6.0 - 10.0	31.00
Polyfluo 150	113 - 116	1.04	3.5 - 5.5	15.56
Polyfluo 190	121 - 132	0.98	9.0 - 12.0	31.00
Polyfluo 523XF	113 - 117	1.10	3.5 - 5.5	15.56
Polyfluo 523AL	113 - 117	1.09	3.5 - 5.5	15.56
Polyfluo 900	121 - 132	1.02	9.0 - 12.0	31.00
PolyGlide 1226XF	109 - 115	0.99	3.5 - 5.5	15.56
Polysilk 14	96 - 118	1.02	7.5 - 9.5	31.00
Polysilk 600	96 - 109	1.02	5.0 - 7.0	22.00
PropylMatte 31	160 - 170	0.89	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)	
SuperGlide 904	138 - 145	0.96	4.0 - 6.0	22.00
Superslip 6515	138 - 144	0.96	6.0 - 8.0	22.00
Superslip 6515AL	138 - 144	0.99	3.5 - 5.5	15.56
Superslip 6530	124 - 135	0.97	5.5 - 7.5	22.00
Synfluo 178XF	104 - 110	0.98	3.0 - 5.0	15.56

# Energy Curable Inks & Coatings Selector Guide

● Extremely Effective    ◐ Very Effective    ○ Effective

Product	Description	Suggested Use Level	Scratch and Mar Resistance	Slip and Lubricity	Block Resistance	Matting and Gloss Control	Gloss Retention	Clarity	Soft Touch/Silky Feel	Lubricity and Smooth Feel	Texture	Increased COF	Tape Release	In-Can Stability	Biodegradable
AquaMatte 22	Oxidized polyethylene	2.0 - 5.0%	◐	◐	◐	●				◐			○	◐	
Fluo 400XF	PTFE	0.5 - 2.0%	○	◐	○			◐		○			○		
Fluo 400SM	PTFE	0.5 - 1.5%	◐	●	◐		●	●		◐			◐		
MicroKlear 116	Polyethylene/Carnauba wax	0.2 - 0.5%	○	○	○		●	●		◐			○		
MicroKlear 418 AL	Carnauba/Alumina	1.0 - 3.0%	●	●	◐		○	●		◐			○	○	●
MicroMatte 1213 UVW	Densified modified polypropylene	2.5 - 5.0%	○		○	●		○		○				●	
MicroMatte 2000	Modified polypropylene	2.5 - 5.0%	○		○	●		○		○					
Micropro 400	Modified polypropylene	3.0 - 6.0%	◐	○	○					○					
MicroTouch Series	Aliphatic polyurethane	2.0 - 10.0%	○			●			●	○	○	○			
MP-22XF	Fischer-Tropsch wax	0.5 - 2.0%	○	○	○										●
MPP-123	Low density polyethylene	0.5 - 1.5%	○	○	○	○						◐	○		
MPP-611AL	Polyethylene/Alumina	0.5 - 1.5%	●	◐	○		◐			◐				○	
MPP-620XF	High density polyethylene	0.5 - 2.0%	◐	○	○								○		
NatureFine R331	Rice bran wax	1.0 - 3.0%	●	◐		◐				○					●
Polyfluo 150	Polyethylene/PTFE	0.5 - 1.0%	◐	◐	◐					○			○	○	
Polyfluo 190	Polyethylene/PTFE	0.5 - 1.0%	◐	◐	◐					○			○	○	
Polyfluo 400XF	Polyethylene/PTFE	0.2 - 0.5%	◐	◐	◐		○			○			○	○	
Polyfluo 523XF	Polyethylene/PTFE	0.5 - 1.0%	◐	◐	●		◐			○			○	○	
Polyfluo 523AL	Polyethylene/PTFE/Alumina	0.5 - 1.0%	●	◐	●		◐			○			○	○	
Polyfluo 900	Ceramic modified polyethylene/PTFE	0.5 - 1.0%	●	◐	◐					○			○	◐	
PolyGlide 1226XF	HDPE/Ceramic	0.5 - 3.0%	●	●	◐		●			○				○	
Polysilk 14	Modified polyethylene/PTFE	0.5 - 1.0%	◐	◐	◐				◐	◐			●	○	
Polysilk 600	Modified polyethylene/PTFE	0.5 - 1.0%	◐	◐	●				◐	◐			●	○	
PropylMatte 31	Polypropylene	2.5 - 5.0%	○		○	●						●			
PropylMatte 31HD	Densified polypropylene	2.5 - 5.0%	○		◐	●						●		●	
PropylMatte 31SA	Densified polypropylene/PTFE	2.5 - 5.0%	◐	◐		●								◐	
PropylTex Series	Polypropylene	3.0 - 10.0%	○			◐					●	●			
PropylTex HD Series	Densified polypropylene	3.0 - 10.0%	○			◐					●	●		●	
SuperGlide 904	Fischer-Tropsch wax/Ethylene bis(stearamide)	0.5 - 2.0%	○	●	◐					◐			◐		
Superslip 6515	Polyethylene/Ethylene bis(stearamide)	1.0 - 2.0%	○	◐	◐					◐			○		
Superslip 6515AL	HDPE/Amide wax/Alumina	0.5 - 1.5%	●	●	◐		●			○					
Superslip 6530	Polyethylene/Ethylene bis(stearamide)	1.0 - 2.0%	○	◐	◐					◐			○		
Synfluo 178XF	Fischer-Tropsch wax/PTFE	0.3 - 1.0%	○	◐	◐		◐	○		◐			○		