



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 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	1.1	4.0 - 6.0	22.00
MicroMatte 1213 UWW	150 - 156	1.11	5.0 - 7.5	22.00
MicroMatte 2000	146 - 149	0.94	6.0 - 9.0	22.00
Micropro 400	140 - 143	0.93	4.5 - 7.5	22.00
Micropro 600	146 - 149	0.93	6.0 - 9.0	22.00
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-123	110 - 113	0.92	9.5 - 12.5	31.00
MPP-620XF	114 - 116	0.95	4.5 - 5.5	22.00
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 400XF	108 - 115	1.35	3.0 - 5.0	11.00
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
Polysilk 600	96 - 109	1.08	5.0 - 7.0	22.00
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 (20 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
Superslip 6530	124 - 135	0.95	5.5 - 7.5	22.00
SuperGlide 904	138 - 145	0.97	4.0 - 6.0	22.00
Synfluo 178XF	104 - 110	1.03	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	Lubricity and Smooth Feel	Texture	Increased COF	Tape Release	In-Can Stability
AquaMatte 22	Oxidized polyethylene	2.0-5.0%	◐	◐	◐	●				◐			○	◐
Fluo HT	Polytetrafluoroethylene (PTFE)	0.3-1.0%	○	◐	○			◐		○			○	
Fluo X-1406	Submicron spherical PTFE	0.3-1.0%	◐	●	◐		●	●		◐			◐	
MicroKlear 116	Polyethylene/carnauba wax	0.2-0.5%	○	○	○		●	●		◐			○	
MicroKlear 709	PTFE modified polyethylene/carnauba wax	0.2-0.5%	◐	◐	◐		○	○		◐			○	
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%	◐	○	○					○				
Micropro 600	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-620XF	High density polyethylene	0.5-2.0%	◐	○	○								○	
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 900	Ceramic modified polyethylene/PTFE	0.5-1.0%	●	◐	◐					○			○	◐
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%	○			◐					●	●		●
Superslip 6515	Polyethylene/Ethylene bis(stearamide)	1.0-2.0%	○	◐	◐					◐			○	
Superslip 6530	Polyethylene/Ethylene bis(stearamide)	1.0-2.0%	○	◐	◐					◐			○	
SuperGlide 904	Fischer-Tropsch wax/Ethylene bis(stearamide)	0.5-2.0%	○	●	◐					◐			◐	
Synfluo 178XF	Fischer-Tropsch wax/PTFE	0.3-1.0%	○	◐	◐		◐	○		◐			○	