



**MICRO POWDERS, INC.**

Specialty Wax Additives and Fine Powders

## 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)
MicroKlear 116	107 - 113	0.98	4.0 - 5.25	15.56
MicroKlear 418	81 - 86	1.00	6.0 - 8.0	22.00
MicroKlear 418AL	81 - 86	1.04	6.0 - 8.0	22.00
MicroMatte 1213UVW	150 - 156	1.07	5.0 - 7.5	22.00
MicroMatte 2000	146 - 149	0.96	6.0 - 9.0	22.00
Micromide 520XF	141 - 146	0.97	3.0 - 5.0	15.56
Micropro 400	140 - 143	0.94	4.5 - 7.5	22.00
MicroTouch Series	-	1.05	Available from 5 µm - 35 µm mean	
MicroTouch 875XF	-	1.03	3.0 - 9.0	31.00
MP-22XF	102 - 106	0.93	5.0 - 6.0	22.00
MP-28AL	104 - 110	0.99	4.5 - 6.5	22.00
MPP-123	110 - 113	0.93	9.5 - 12.5	31.00
MPP-611AL	110 - 116	0.99	3.5 - 5.5	15.56
MPP-620XF	120 - 124	0.96	4.5 - 5.5	22.00
NatureFine R331	77 - 82	0.97	6.0 - 10.0	31.00
NatureMatte 31	170 - 180	1.25	7.5 - 10.5	31.00
NatureMatte C44	-	1.46	10.0 - 15.0	44.00
NatureTex Series	>230	1.30	Wide range available (140 mesh - 325 mesh)	
Polyfluo 150	113 - 116	1.04	3.5 - 5.5	15.56
Polyfluo 190	108 - 112	0.98	9.0 - 12.0	31.00
PolyGlide 1226XF	109 - 115	0.99	3.5 - 5.5	15.56
Polysik 750	96 - 107	0.94	5.0 - 7.0	22.00
PropylMatte 31HD	160 - 170	1.07	8.0 - 12.0	31.00
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

# 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	Mattening and Gloss Control	Gloss Retention	Clarity	Soft Touch/Silky Feel	Lubricity and Smooth Feel	Texture	Increased COF	Tape Release	In-Can Stability	Natural/Naturally Derived
MicroKlear 116	Polyethylene/Carnauba wax	0.2 - 0.5%	○	○	○		●	●		◐			○		
MicroKlear 418	Carnauba	1.0 - 3.0%	◐	●	◐		○	●		◐			○	○	●
MicroKlear 418AL	Carnauba/Aluminum oxide	1.0 - 3.0%	●	●	◐		○	●		◐			○	○	●
MicroMatte 1213 VW	Densified modified polypropylene	1.0 - 3.0%	○		◐	●		◐		○				●	
MicroMatte 2000	Modified polypropylene	1.0 - 3.0%	○		◐	●		◐		○					
Micromide 520XF	Ethylene (bis)stearamide wax	1.0 - 2.0%	○	●	●		●			◐			●		◐
Micropro 400	Modified polypropylene	3.0 - 6.0%	◐	○	○					○					
MicroTouch Series	Aliphatic polyurethane	2.0 - 10.0%	○			●			●	○	○	○			
MicroTouch 875XF	Modified polyurethane	2.0 - 10.0%	◐	◐	○	●			●	◐	○	○			◐
MP-22XF	Synthetic wax	0.5 - 2.0%	○	○	○										
MP-28AL	Synthetic wax/Aluminum oxide	1.0 - 3.0%	●	◐	○									○	
MPP-123	Low density polyethylene	0.5 - 1.5%	○	○	○	○						◐	○	○	
MPP-611AL	Polyethylene/Aluminum oxide	0.5 - 1.5%	●	◐	○		◐			◐					
MPP-620XF	High density polyethylene	0.5 - 2.0%	◐	○	○								○		
NatureFine R331	Rice bran wax	1.0 - 3.0%	●	◐		◐				○					●
NatureMatte 31	Poly(hydroxybutyrate-co-hydroxyvalerate)	2.0 - 5.0%	◐			●						○		◐	●
NatureMatte C44	Cellulose	2.0 - 5.0%				●								●	●
NatureTex Series	Cellulose Acetate	2.0 - 5.0%	●		○	●					●	◐		◐	●
Polyfluo 150	Polyethylene/PTFE	0.5 - 1.0%	◐	◐	◐					○			○	○	
PolyGlide 1226XF	HDPE/Ceramic	0.5 - 3.0%	●	●	◐		●			○				○	
Polysilk 750	Amide modified polyethylene	0.5 - 2.0%	◐	●	◐				◐	◐					
PropylMatte 31HD	Densified polypropylene	2.5 - 5.0%	○		◐	●						●		●	
PropylTex HD Series	Densified polypropylene	3.0 - 10.0%	○		◐	◐					●	●		●	
SuperGlide 904	Synthetic wax/Ethylene bis(stearamide)	0.5 - 2.0%	○	●	◐					◐			◐		◐
Superslip 6515	Polyethylene/Ethylene bis(stearamide)	1.0 - 2.0%	○	◐	◐					◐			○		
Superslip 6515AL	HDPE/EBS/Aluminum oxide	0.5 - 1.5%	●	●	◐		●			○					