



MICRO POWDERS, INC.
High Performance Wax Additives

Can & Container Coatings

Coatings for can and container have demanding performance requirements such as abrasion and block resistance as well as surface slip and mobility. Micro Powders products can enhance these properties with optimal gloss, clarity and durability.

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)
AquaKlean 418	N/A	1.00	N/A	N/A
AquaMatte 22	135 - 140	0.99	6.0 - 8.0	22.00
AquaPoly 250	117 - 123	0.98	8.0 - 10.0	31.00
Fluo 300	>316	2.20	5.0 - 6.0	22.00
Fluo 300XF	>316	2.20	2.0 - 4.0	15.56
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 418	81 - 86	0.99	6.0 - 8.0	22.00
MicroKlear 709	119 - 124	1.10	4.0 - 6.0	22.00
Micromide 520	141 - 145	0.97	5.0 - 8.0	22.00
Micropro 500	141 - 143	0.94	4.5 - 7.5	22.00
MicroTouch Series	N/A	1.05	Available from 5µm - 35µm mean	
MP-22XF	102 - 106	0.94	5.0 - 6.0	22.00
MPP-620XF	114 - 116	0.95	4.5 - 5.5	22.00
MPP-620XXF	114 - 116	0.95	4.25 - 4.75	12.00
MPP-611XF	109 - 111	0.95	4.0 - 6.0	22.00
Polyfluo 150	113 - 116	1.15	3.5 - 5.5	15.56
Polyfluo 400XF	108 - 115	1.35	3.0 - 5.0	11.00
Polyfluo 523XF	113 - 117	1.26	3.5 - 5.5	15.56
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	0.89	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 (20 mesh - 325 mesh)	
SuperGlide 904	138 - 145	0.97	4.0 - 7.0	22.00
SuperGlide 904XF	138 - 145	0.97	4.0 - 6.0	15.56
Synfluo 178XF	104 - 110	1.03	3.0 - 3.5	15.56
Synfluo 180XF	104 - 110	1.10	3.0 - 3.5	11.00

Can & Container Coatings Selector Guide

● Extremely Effective ◐ Very Effective ○ Effective

♣ Available as a Waterborne Dispersion

Product	Description	Suggested Use Level	FDA 21CFR 175.300 Compliance	Recommended System Type*	Scratch & Abrasion Resistance	Slip & Mobility	Block Resistance	Heat Resistance	Moisture Resistance	Crown/Closure Seal Adhesion	Meat Release	Gloss Retention	Mating & Gloss Control	Texture	Soft Touch
AquaKlean 418	Carnauba wax emulsion	3.0-5.0%	Yes	W	○	◐	◐		●		○	●			
♣ AquaMatte 22	Oxidized polyethylene	2.0-4.0%	No	W	●	◐	○			◐			●		
♣ AquaPoly 250	Oxidized polyethylene	0.5-2.0%	Yes	W	◐	◐	◐			●					
Fluo 300/XF	PTFE	0.5-1.5%	Yes	W,S,UV		◐	◐	●				◐			
♣ Fluo HT	PTFE	1.0-2.0%	Yes	W,S,UV	●	◐	◐	●				◐			
♣ Fluo X-1406	Sub-micron spherical PTFE	0.5-1.0%	Yes	S,UV	●	◐	◐	●				●			
MicroKlear 116	Polyethylene/carnauba	1.0-2.0%	Yes	W,S,UV	◐	●	●		○		○	◐			
MicroKlear 418	Carnauba	1.0-2.0%	Yes	S,UV	◐	●	◐		○		◐	○			
MicroKlear 709	PTFE modified polyethylene/carnauba wax	0.5-1.5%	Yes	W,S,UV	●	●	◐	○							
♣ Micromide 520	Ethylene (bis)stearamide wax	1.0-2.0%	Yes	S,UV	○	●	◐				●				
Micropro 500	Modified polypropylene	1.0-2.0%	Yes	S,UV	◐	○	●						◐		
MicroTouch Series	Aliphatic polyurethane	3.0-6.0%	No	W,S,UV									◐	◐	●
♣ MP-22XF	Fischer-Tropsch	1.0-2.0%	Yes	W,S,UV	○	◐	◐								
♣ MPP-620XF/XXF	Polyethylene	1.0-2.0%	Yes	W,S,UV	◐	◐	○					●			
♣ MPP-611XF	Polyethylene	1.0-2.0%	Yes	W,S,UV	◐	◐	○					◐			
♣ Polyfluo 150	Polyethylene/PTFE	0.5-1.5%	Yes	W,S,UV	●	●	◐	○				●			
Polyfluo 400XF	Polyethylene/PTFE	0.5-1.5%	Yes	W,S,UV	◐	●	◐	○				●			
♣ Polyfluo 523XF	Polyethylene/PTFE	0.5-1.5%	Yes	W,S,UV	●	●	◐	◐				●			
Polysilk 14	Modified polyethylene/PTFE	0.5-1.5%	Yes	W,S,UV	◐	●	●				○				
Polysilk 600	Modified polyethylene/PTFE	0.5-1.5%	Yes	S,UV	◐	●	●		○		○				◐
♣ PropylMatte 31	Polypropylene	2.0-4.0%	Yes	S,UV			○						●		○
♣ PropylMatte 31HD	Densified polypropylene	2.0-4.0%	Yes	W,UV			○						●		○
♣ PropylMatte 31SA	Densified polypropylene/PTFE	2.0-4.0%	Yes	W,S,UV	◐	○	◐						●		○
PropylTex Series	Polypropylene	2.0-8.0%	Yes	W,S,UV			○						◐	●	◐
SuperGlide 904XF	Modified amide wax	1.0-2.0%	Yes	S,UV	◐	●	●		○		◐				○
Synfluo 178XF	Fischer-Tropsch/PTFE	0.5-1.5%	Yes	W,S,UV	◐	◐	○					◐			
Synfluo 180XF	Fischer-Tropsch/PTFE	0.5-1.5%	Yes	W,S,UV	●	◐	○					◐			

* W = Water, S = Solvent, UV = Ultra Violet Cure