



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	85	1.00	Sub-micron aqueous emulsion	
AquaPoly 250	117 - 123	0.97	8.0 - 10.0	31.00
Fluo 400XF	>316	2.20	2.0 - 4.0	15.56
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
Micromide 520	141 - 145	0.97	5.0 - 8.0	22.00
Micropro 500	141 - 143	0.95	4.5 - 7.5	22.00
MicroTouch Series	N/A	1.05	Available from 5µm - 35µm mean	
MP-22XF	102 - 106	0.93	5.0 - 6.0	22.00
MPP-620XF	114 - 116	0.96	4.5 - 5.5	22.00
MPP-620XXF	114 - 116	0.96	4.25 - 4.75	12.00
MPP-611AL	109 - 115	0.99	3.5 - 5.5	15.56
MPP-611XF	109 - 115	0.96	4.0 - 6.0	22.00
NatureFine R331	77 - 82	0.96	6.0 - 10.0	31.00
Polyfluo 150	109 - 115	1.04	3.5 - 5.5	15.56
Polyfluo 523XF	113 - 117	1.10	3.5 - 5.5	15.56
Polyfluo 523AL	113 - 117	1.09	3.5 - 5.5	15.56
PolyGlide 1226XF	109 - 115	0.99	3.5 - 5.5	15.56
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 - 7.0	22.00
SuperGlide 904XF	138 - 145	0.97	3.0 - 5.0	15.56
Superslip 6515AL	138 - 144	0.99	3.5 - 5.5	15.56

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	Matting & Gloss Control	Texture	Soft Touch	Biodegradable	PTFE Replacement
AquaKlean 418	Carnauba wax emulsion	3.0 - 5.0%	Yes	W	○	◐	◐		●		○	●					
◆ AquaPoly 250	Oxidized polyethylene	0.5 - 2.0%	Yes	W	◐	◐	◐			●							
◆ Fluo 400XF	PTFE	0.5 - 2.0%	Yes	W,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 418AL	Carnauba/Alumina	1.0 - 3.0%	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 wax	1.0 - 2.0%	Yes	W,S,UV	○	◐	◐					●					●
◆ MPP-620XF/XXF	Polyethylene	1.0 - 2.0%	Yes	W,S,UV	◐	◐	○					●					
◆ MPP-611AL	Polyethylene/Alumina	0.5 - 1.5%	Yes	W,S,UV	●	◐	○					●					●
◆ MPP-611XF	Polyethylene	1.0 - 2.0%	Yes	W,S,UV	◐	◐	○					◐					
NatureFine R331	Rice bran wax	0.5 - 1.5%	Yes	W,S,UV	●	◐							◐			●	●
◆ Polyfluo 150	Polyethylene/PTFE	0.5 - 1.5%	Yes	W,S,UV	●	●	◐	○				●					
◆ Polyfluo 523XF	Polyethylene/PTFE	0.5 - 1.5%	Yes	W,S,UV	●	●	◐	◐				●					
◆ Polyfluo 523AL	Polyethylene/PTFE/Alumina	0.5 - 1.5%	Yes	W,S,UV	●	●	◐	◐				●					
PolyGlide 1226XF	HDPE/Ceramic	0.5 - 1.5%	Yes	W,S,UV	●	●	◐					●					●
PropylMatte 31	Polypropylene	2.0 - 4.0%	Yes	W,UV									●		○		
◆ PropylMatte 31HD	Densified polypropylene	2.0 - 4.0%	Yes	W,S,UV									●		○		
◆ PropylMatte 31SA	Densified polypropylene/PTFE	2.0 - 8.0%	Yes	W,S,UV	◐	○	◐					●					
PropylTex Series	Polypropylene	2.0 - 8.0%	Yes	W,S,UV									◐	●	◐		
PropylTex HD Series	Densified polypropylene	2.0 - 8.0%	Yes	W,S,UV									◐	●	◐		
SuperGlide 904	Fischer-Tropsch wax/Ethylene (bis)stearamide wax	1.0 - 2.0%	Yes	S,UV	◐	●	●		○		◐						○
SuperGlide 904XF	Modified amide wax	1.0 - 2.0%	Yes	S,UV	◐	●	●		○		◐						○
Superslip 6515AL	HDPE/Amide wax/Alumina	0.5 - 1.5%	Yes	W,S,UV	●	●	●				◐	●			○		●

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