



MICRO POWDERS, INC.
Specialty Wax Additives and Fine Powders

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)
AquaBead R331E	80	1.00	Sub-micron aqueous emulsion	
AquaKlean 418	85	1.00	Sub-micron aqueous emulsion	
AquaPoly 250	117 - 123	0.97	8.0 - 10.0	31.00
MicroKlear 116	107 - 113	0.98	4.0 - 5.2	15.56
MicroKlear 116AL	107 - 113	1.01	3.5 - 5.5	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	-	1.05	Available from 5µm - 35µm mean	
MP-22XF	110 - 115	0.93	5.0 - 6.0	22.00
MP-28AL	104 - 110	0.99	4.5 - 6.5	22.00
MPP-620XF	114 - 116	0.96	4.5 - 5.5	22.00
MPP-620XF	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	0.97	6.0 - 10.0	31.00
NatureMatte C44	-	1.46	10.0 - 15.0	44.00
NatureTex Series	-	1.30	Range available (140 mesh-325 mesh)	
Polyfluo 150	109 - 115	1.04	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
PropylTex Series	160 - 170	0.89	Wide range available (14 mesh-325 mesh)	
Superslip 6515AL	138 - 144	0.99	3.5 - 5.5	15.56
Superslip 6515AL-EZ	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	Natural/Naturally Derived	PTFE Alternative
AquaBead R331E	Rice bran wax emulsion	3.0 - 5.0%	Yes	W	◐	●	◐		●		○	●				●	
AquaKlean 418	Carnauba wax emulsion	3.0 - 5.0%	Yes	W	○	◐	◐		●		○	●				●	
◆ AquaPoly 250	Oxidized polyethylene	0.5 - 2.0%	Yes	W	◐	◐	◐			●							
MicroKlear 116	Polyethylene/Carnauba	1.0 - 2.0%	Yes	W,S,UV	◐	●	●		○		○	◐					
MicroKlear 116AL	Polyethylene/Carnauba/Aluminum oxide	0.5 - 1.5%	Yes	W,S,UV	●	●	●		○		○	◐					●
◆ MicroKlear 418	Carnauba	1.0 - 2.0%	Yes	S,UV	◐	●	◐		○		◐	○				●	
◆ MicroKlear 418AL	Carnauba/Aluminum oxide	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	Synthetic wax	1.0 - 2.0%	Yes	W,S,UV	○	◐	◐					◐					
◆ MP-28AL	Synthetic wax/Aluminum oxide	1.0 - 3.0%	Yes	W,S,UV	●	◐	◐					◐					●
MPP-620XF/XXF	Polyethylene	1.0 - 2.0%	Yes	W,S,UV	◐	◐	○					●					
◆ MPP-611AL	Polyethylene/Aluminum oxide	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	●	◐							◐			●	●
NatureMatte C44	Cellulose	2.0 - 5.0%	Yes	W,S,UV									●			●	
NatureTex Series	Cellulose Acetate	2.0 - 8.0%	Yes	W,S,UV	◐			◐					●	●	◐	●	
◆ Polyfluo 150	Polyethylene/PTFE	0.5 - 1.5%	Yes	W,S,UV	●	●	◐	○				●					
◆ PolyGlide 1226XF	Ceramic modified polyethylene	0.5 - 1.5%	Yes	W,S,UV	●	●	◐					●					●
◆ PropylMatte 31	Polypropylene	2.0 - 4.0%	Yes	W,UV									●			○	
PropylTex Series	Polypropylene	2.0 - 8.0%	Yes	W,S,UV									◐	●	◐		
◆ Superslip 6515AL	HDPE/Amide wax/Aluminum oxide	0.5 - 1.5%	Yes	W,S,UV	●	●	●				◐	●				○	●
Superslip 6515AL-EZ	Surface treated HDPE/EBS/Aluminum oxide	0.5 - 1.5%	Yes	W	●	●	●				◐	●				○	●

* W = Water, S = Solvent, UV = Ultraviolet Cure