



MICRO POWDERS, INC.
High Performance Wax Additives

Architectural Coatings

The performance demands of today's modern interior and exterior architectural coatings can be achieved with a wax additive that provides effective gloss control, enhanced burnish resistance, improved soil release, and superior in-can stability. Micro Powders' products can enhance these properties while also improving water repellency, scratch resistance and adding a smooth surface feel.

Alumina (AL) Nanocomposites Sell

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	
AquaBead 519	126 - 132	0.94	6.0 - 8.0	22.00
AquaBead 525E	60	1.00	Sub-micron aqueous emulsion	
AquaPoly 215	105 - 111	0.94	9.0 - 11.0	31.00
AquaPolyfluo 411	117 - 123	1.02	6.0 - 8.0	22.00
Aquawax 214	98 - 102	0.96	9.0 - 11.00	31.00
MicroMatte 1011UWW	150 - 156	1.07	5.0 - 7.5	22.00
Micropro 400	140 - 143	0.94	4.5 - 7.5	22.00
MicroTouch Series	N/A	1.05	Available from 5 µm - 35 µm mean	
MP-22	102 - 106	0.93	7.0 - 10.0	31.00
MPP-123AL	110 - 113	0.97	9.5 - 12.5	31.00
NatureFine R331	77 - 82	0.96	6.0 - 10.0	31.00
NatureMatte 31	170 - 180	1.25	7.5 - 10.5	31.00
NatureTex Series	>230	1.30	Range available (200 mesh - 325 mesh)	
Polyfluo 190	121 - 132	0.98	9.0 - 12.0	31.00
Polyfluo 900	121 - 132	1.02	9.0 - 12.0	31.00
PropylMatte 31	160 - 170	0.89	8.0 - 12.0	31.00
PropylMatte 31HD	160 - 170	1.07	8.0 - 12.0	31.00
PropylTex Series	160 - 170	0.89	Wide range available (14 mesh - 325 mesh)	
PropylTex HD Series	160 - 170	1.07	Range available (200 mesh - 325 mesh)	

Architectural Coatings Selector Guide

- Extremely Effective
- ◐ Very Effective
- Effective
- ◆ Available as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Interior/ Exterior	Burnish Resistance	Mating and Gloss Control	Block Resistance	Resistance to Dirt Pick Up	Cleanability	Water Repellency/Beading	Scratch and Mar Resistance	Texture	Lubricity and Smooth Feel	Soft Touch	Heel Mark Resistance	Anti-Skid	Film Clarity	In-Can Stability	Gloss Retention	Natural/Naturally Derived
AquaBead R331E	Rice bran wax emulsion	3.0 - 10.0%	W	I,E	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
◆ AquaBead 519	Hydrophobically modified synthetic wax	1.0 - 4.0%	S	E	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○
AquaBead 525E	Paraffin/carnauba wax emulsion	2.0 - 10.0%	W	E	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○
◆ AquaPoly 215	Oxidized polyethylene	1.0 - 2.0%	W	I	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ AquaPolyflu 411	Modified oxidized polyethylene/PTFE	0.5 - 2.0%	W	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ Aquawax 214	Oxidized Fischer-Tropsch wax	1.0 - 2.0%	W	I	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MicroMatte 1011UVW	Densified modified polypropylene	2.0 - 5.0%	W,S	I	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Micropro 400	Modified polypropylene	2.0 - 4.0%	S	E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
MicroTouch Series	Aliphatic polyurethane	2.0 - 8.0%	W	I	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ MP-22	Fischer-Tropsch wax	1.0 - 2.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ MPP-123AL	Polyethylene/Alumina	0.5 - 1.5%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ NatureFine R331	Rice bran wax	1.0 - 2.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ NatureMatte 31	Poly(hydroxybutyrate-co-hydroxyvalerate)	2.0 - 5.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
NatureTex Series	Cellulose Acetate	2.0 - 5.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ Polyflu 190	Polyethylene/PTFE	0.5 - 2.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ Polyflu 900	Ceramic Modified Polyethylene/PTFE	0.5 - 2.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PropylMatte 31	Polypropylene	2.0 - 5.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
◆ PropylMatte 31HD	Densified polypropylene	2.0 - 5.0%	W	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PropylTex Series	Polypropylene	3.0 - 10.0%	W,S	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PropylTex HD Series	Densified polypropylene	3.0 - 10.0%	W	I,E	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

* W = Water, S = Solvent



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