



MICRO POWDERS, INC.
High Performance Wax Additives

Industrial Coatings

Coatings for industrial products present a range of performance challenges, from improving slip and lubricity to boosting abrasion resistance and anti-blocking. The right Micro Powders additive can enhance these properties while imparting visual and tactile effects that include matting, texturing, and soft touch.

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)
AquaPoly 250	117 - 123	0.97	8.0 - 10.0	31.00
AquaPolyfluo 411	117 - 123	1.02	6.0 - 8.0	22.00
Fluo 300XF	>316	2.20	2.0 - 4.0	15.56
Fluo 500	>316	2.20	3.0 - 5.0	22.00
GraphShield 777	105*	1.27	14.0 - 18.0	74.00
MicroKlear 116	107 - 113	0.98	4.0 - 5.25	15.56
MicroMatte 1213UVW	150 - 156	1.07	5.0 - 7.5	22.00
Micropro 440W	150 - 156	0.97	7.0 - 10.0	31.00
Micropro 500	141 - 143	0.95	4.5 - 7.5	22.00
MicroTouch Series	N/A	1.05	Available from 5 µm - 35 µm mean	
MPP-611AL	109 - 115	0.99	3.5 - 5.5	15.56
MPP-620VF	114 - 116	0.96	5.0 - 7.0	22.00
MPP-620XF	114 - 116	0.96	4.5 - 5.5	22.00
NyloTex Series	257 - 267	1.14	Wide range available (50 mesh - 200 mesh)	
Polyfluo 190	121 - 132	0.98	9.0 - 12.0	31.00
Polyfluo 523AL	113 - 117	1.09	3.5 - 5.5	15.56
Polyfluo 523XF	113 - 117	1.10	3.5 - 5.5	15.56
Polyfluo 900	121 - 132	1.02	9.0 - 12.0	31.00
PolyGlide 1226XF	109 - 115	0.99	3.5 - 5.5	15.56
Polysilk 14	96 - 118	1.02	7.5 - 9.5	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	Wide range available (200 mesh - 325 mesh)	
Superslip 6515AL	138 - 144	0.99	3.5 - 5.5	15.56
Synfluo 178VF	104 - 110	0.98	4.0 - 7.0	22.00

* Resin Softening Point °C

Industrial Coatings

Selector Guide

● Extremely Effective ◐ Very Effective ○ Effective

♣ Available as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Scratch & Abrasion Resistance	Burnish Resistance	Metal Mark Resistance	Apparent Hardness	Slip and Lubricity	Block Resistance	Increased COF	Mating & Gloss Control	Texture	Soft Touch	Heat Resistance	Early Water Resistance	Gloss Retention	In-Can Stability	Corrosion Resistance	PTFE Replacement
♣ AquaPoly 250	Modified oxidized polyethylene	0.5 - 2.0%	W	○	○	○	○	○	○										
♣ AquaPolyfluo 411	Modified oxidized polyethylene/PTFE	0.5 - 2.0%	W	●	○	●	○	○	○					○			○		
♣ Fluor 300XF	PTFE	0.5 - 2.0%	W,S	●	○		○	○						●		●			
Fluor 500	PTFE	0.5 - 2.0%	W,S	●	○		○	○						●		○			
GraphShield 777	Acrylic resin/Graphene oxide	0.5 - 2.0%	W,S	●			○							○		●		●	
MicroKlear 116	Polyethylene/carnauba wax	1.0 - 3.0%	W,S	○	○		○	●	●						○	○			
♣ MicroMatte 1213UVW	Densified modified polypropylene	1.0 - 5.0%	W,S	○	●	○	○	○	○		○				○				○
♣ Micropro 440W	Modified polypropylene	1.0 - 5.0%	W,S	○	○	○	○	○	○		○								
Micropro 500	Modified polypropylene	1.0 - 5.0%	W,S	○	○	○	○	○	○		○				○				
MicroTouch Series	Aliphatic polyurethane	4.0 - 8.0%	W,S		●					○	○	○	●						○
♣ MPP-611AL	Polyethylene/Alumina	0.5 - 1.5%	W,S	●	○	○	○	○	○								○		●
♣ MPP-620VF/XF	High density polyethylene	1.0 - 3.0%	W,S	○	○	○	○	○	○								○		
NyloTex Series	Polyamide (Nylon 66)	4.0 - 6.0%	W,S	●					○	○		●	○	○					○
♣ Polyfluo 190	Polyethylene/PTFE	0.5 - 3.0%	W,S	●	●	●	○		○		○								○
♣ Polyfluo 523AL	Polyethylene/PTFE/Alumina	0.5 - 3.0%	W,S	●	○		○	○						○			○		○
♣ Polyfluo 523XF	Polyethylene/PTFE	0.5 - 3.0%	W,S	○	○		○	○						○			○		○
♣ Polyfluo 900	Ceramic modified polyethylene/PTFE	0.5 - 3.0%	W,S	●	●	●	○	○		○				○					○
♣ PolyGlide 1226XF	HDPE/Ceramic	0.5 - 1.5%	W,S	●	●		○	○									○		○
Polysilk 14	Modified polyethylene/PTFE	0.5 - 2.0%	W,S	○	○		○	○	○				○						○
PropylMatte 31	Polypropylene	2.0 - 5.0%	S		●				○	○	○								
♣ PropylMatte 31HD	Densified polypropylene	2.0 - 5.0%	W		●				○	○	○								○
PropylTex Series	Polypropylene	3.0 - 10.0%	S	●	●			○	○	○	○								○
PropylTex HD Series	Densified polypropylene	3.0 - 10.0%	W		○				○	○	○	○	○						○
♣ Superslip 6515AL	HDPE/Amide wax/Alumina	0.5 - 1.5%	W,S	●	○	○	○	○	○				○	○			○		○
Synfluor 178VF	Fischer-Tropsch wax/PTFE	0.5 - 3.0%	W,S	○	○		○	○									○		○

* W = Water, S = Solvent