



MICRO POWDERS, INC.
High Performance Wax Additives

Industrial Floor Coatings

Coatings for industrial flooring require unique surface properties which include COF and gloss control, scuff and abrasion resistance, and water repellency. Micro Powders has the broadest range of polymeric additives for walking surfaces, including fine-to-coarse polypropylene powders that impart non-skid effects while providing a range of durable surface texturing.

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 519	126 - 132	0.91	6.0 - 8.0	22.00
AquaBead 270E	NA	0.96	NA	NA
AquaBead 525E	NA	1.00	NA	NA
MicroGranite 100	115 - 120	0.99	85.0 - 115.0	150.00
MicroMatte 1213 UVW	150 - 156	1.11	5.0 - 7.5	22.00
Microspersion 1406	>316	1.40	<0.3	22.00
Microspersion 91E	NA	1.00	NA	NA
MicroTouch Series	NA	1.05	Available from 5.0-35.0 µm mean	
MP-22XF	102 - 106	0.94	4.5 - 6.5	22.00
MPP-123	110 - 113	0.92	9.5 - 12.5	31.00
NyloTex Series	218 - 224	1.14	Wide range available (20-200 mesh)	
Polyfluo 190	121 - 132	0.99	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
PropylMatte 31SA	160 - 170	1.02	8.0 - 12.0	31.00
PropylMatte 500	142 - 148	0.90	5.0 - 8.0	22.00
PropylTex Series	160 - 170	0.89	Wide range available (14-325 mesh)	
PropylTex HD Series	160 - 170	1.07	Wide range available (200-325 mesh)	

Industrial Floor Coatings Selector Guide

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

Product	Description	Suggested Use Level	Recommended System Type*	Suitable Floor Type			Texture	Non-Skid	Matting and Gloss Control	Block Resistance	Abrasion & Scratch Resistance	Scuff & Heel Mark Resistance	Resistance to Hot Tire Pick up	Water Repellency/Beading	Cleanability	Soft Touch	Granite Effect	Film Clarity	In-Can Stability	No Silica Dust
				Wood	Concrete	Laminate														
♠ AquaBead 519	Hydrophobically modified synthetic wax	1.0-4.0%	W,S	✓	✓							○		◐	○					
AquaBead 270E	Paraffin wax emulsion	2.0-10.0%	W	✓	✓							○		◐	○			○		
AquaBead 525E	Paraffin/carnauba wax emulsion	2.0-10.0%	W	✓	✓									●	◐			◐		
MicroGranite 100	Pigmented polyolefin	2.0-10.0%	W,S		✓		◐			○		○					●		◐	
♠ MicroMatte 1213 UVW	Densified modified polypropylene	2.0-5.0%	W,UV	✓		✓			◐	●	◐	◐		○	○			◐	◐	
Microspersion 1406	Nonionic sub-micron PTFE disperson	0.5-1.0%	W	✓		✓				◐	◐	●		○	●			●		
Microspersion 91E	Nonionic polypropylene wax emulsion	2.0-10.0%	W	✓	✓			◐				○		○				◐		
MicroTouch Series	Aliphatic polyurethane	2.0-8.0%	W,UV	✓		✓			○			◐				●				
♠ MP-22XF	Fischer-Tropsch wax	1.0-2.0%	W,S,UV	✓	✓					○	○	○		◐	○			○		
MPP-123	Low density polyethylene	1.0-2.0%	W,S,UV	✓		✓					○	◐	○	○	○					
NyloTex Series	Polyamide (Nylon 6)	3.0-10.0%	W,S		✓		●	●			●									●
♠ Polyfluo 190	Polyethylene/PTFE	0.5-1.5%	W,S,UV	✓	✓	✓				○	●	◐	◐	◐	◐				○	
♠ Polyfluo 900	Ceramic modified polyethylene/PTFE	0.5-1.5%	W,S,UV	✓	✓	✓				○	●	◐	◐	◐	◐				◐	
PropylMatte 31	Polypropylene	2.0-5.0%	S,UV	✓	✓				○	●	○	◐	○	◐	○					
♠ PropylMatte 31HD	Densified polypropylene	2.0-5.0%	W,UV	✓	✓	✓			○	●	○	◐	◐	○	○				●	
♠ PropylMatte 31SA	Densified polypropylene/PTFE	1.0-5.0%	W,S,UV	✓		✓				●	●	◐	◐	◐	○				◐	
PropylMatte 500	Polypropylene	2.0-5.0%	S,UV	✓		✓				◐	○	○		○				◐		
PropylTex Series	Polypropylene	3.0-10.0%	S,UV		✓		●	●	◐		○	○	○	○	○					●
PropylTex HD Series	Densified polypropylene	3.0-10.0%	W,UV	✓	✓	✓	●	●	◐		○	○	○	○	○				●	●

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



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