



MICRO POWDERS, INC.
High Performance Wax Additives

Gloss Reduction

The ability to efficiently modify the gloss of a coating is important in many industries, and can be effectively achieved with polymeric surface additives. Micro Powders offers the most extensive portfolio of wax and polymer-based mattifying agents available in the industry for finishes ranging from satin to matte. These products offer many advantages over silica additives including minimized flotation and settling, improved burnish resistance and soil release, low oil absorption, excellent viscosity stability, and a smoother surface feel.

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)
AquaMatte 26HD	105 - 111	1.08	6.0 - 8.5	26.00
MicroMatte 1213 UVW	150 - 156	1.07	5.0 - 7.5	22.00
MicroMatte 2000	146 - 149	0.96	6.0 - 9.0	22.00
Micropro 400	140 - 143	0.94	4.5 - 7.5	22.00
Micropro 440W	150 - 156	0.97	7.0 - 10.0	31.00
Micropro 600	146 - 149	0.95	6.0 - 9.0	22.00
NatureMatte 31	170 - 180	1.25	7.5 - 10.5	31.00
NatureTex 200	>230	1.30	35.0 - 45.0	74.0 (200 mesh)
NatureTex 270	>230	1.30	15.0 - 18.0	53.0 (270 mesh)
NatureTex 325	>230	1.30	10.0 - 15.0	44.0 (325 mesh)
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 450	142 - 148	0.90	8.0 - 12.0	31.00
PropylMatte 500	142 - 148	0.90	5.0 - 8.0	22.00
PropylTex 270S	160 - 170	0.89	18.5 - 23.0	53.00 (270 mesh)
PropylTex 325S	160 - 170	0.89	10.0 - 15.0	44.00 (325 mesh)
PropylTex 270HD	160 - 170	1.07	15.0 - 25.0	53.00 (270 mesh)
PropylTex 325HD	160 - 170	1.07	10.0 - 15.0	44.00 (325 mesh)



Gloss Reduction Selector Guide

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

	Product Series	Recommended for: High Build (H) Low Build (L)	Solvent Based Systems	Water Based Systems	UV/EB Systems	Decreases COF	Increases COF	Recommended Products	Comments
Polypropylene	PropylMatte	L	●	○	○		●	PropylMatte 31 PropylMatte 450 PropylMatte 500	Benchmark matting agent for solvent based coatings. A more economical version of PropylMatte 31 with slightly lower melt point. Finest polypropylene for thin film coatings with enhanced clarity.
	PropylMatte HD	L	○	●	●		●	♂ PropylMatte 31HD	Densified polypropylene (d = 1.07) for optimal in-can stability in aqueous and UV.
	PropylMatte SA	L	◐	●	●	○		♂ PropylMatte 31SA	PTFE modified PropylMatte for additional slip and abrasion.
	PropylTex	H,L	●	○	○		●	PropylTex 270S PropylTex 325S	Ideal for walkable surfaces where some light texturing is desirable. Finer grade with minimal texturing.
	PropylTex HD	H,L	○	●	●		●	PropylTex 270HD PropylTex 325HD	Light texturing with in-can stability. Minimal texturing with in-can stability.
Oxidized Polyethylene	AquaMatte HD	L		●		●		AquaMatte 26HD	Densified AquaMatte (d = 1.07) for matting with excellent slip, lubricity and stability.
Hybrid Waxes	MicroMatte	L	◐	◐	●	◐		♂ MicroMatte 1213 UUV MicroMatte 2000	Complex, density modified wax blend for in-can stability with good burnish resistance. Formulated for better film clarity; highly efficient in energy curable coatings.
	Micropro	L	●	◐	◐	◐		Micropro 400 ♂ Micropro 440W Micropro 600	Modified polypropylene for matting with slip, mar resistance, and anti-blocking. Modified for easier incorporation into waterbased systems. Formulated with harder modifying waxes for improved surface durability.
	NatureMatte	L	◐	●			●	♂ NatureMatte 31	Natural, highly biodegradable PHBV for maximum burnish resistance.
Natural Wax	NatureTex	H,L	○	●	●		◐	NatureTex 200 NatureTex 270 NatureTex 325	Natural, highly biodegradable Cellulose Acetate where light texturing is desirable

