



PropylMatte 450 & 500

Finely micronized polypropylene for consistent matting and gloss control in paints, inks and industrial coatings

Features and Benefits

- Provides uniform gloss reduction with good clarity, a smoother surface feel, and no viscosity effects when compared to silica additives
- Tough, high molecular weight polymer imparts superior burnish and abrasion resistance vs. silica
- Does not lower COF; ideal for anti-skid surfaces
- In powder coatings, lowers gloss, reduces slip, and functions as a highly effective degassing agent vs. benzoin
- Eliminates powder coating pinholes and improves surface adhesion when overcoating or using silicone sealants
- Adds texture in low bake (Low E) powder coatings

Composition

Polypropylene

Recommended Addition Levels

2.0-5.0% depending on the level of gloss reduction desired (on total formula weight)

Systems and Applications

Solvent based and energy curable coatings and inks. Industrial coatings (including plastic, metal and leather); architectural wall and trim paints; stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure); powder coatings; interior and exterior can and container coatings; coil coatings; floor coatings.

Typical Properties*

	<u>PropylMatte 450</u>	<u>PropylMatte 500</u>
Melting Point °C	142 - 148	142 - 148
Density @ 25 °C (g/cc)	0.90	0.90
NPIRI Grind	5.0 - 6.0	2.0 - 3.5
Maximum Particle Size (µm)	31.00	22.00
Mean Particle Size (µm)	8.0 - 12.0	5.0 - 8.0

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