

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



Micro Powders

TECHNICAL DATA

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The above data reflects typical properties. Please contact Micro Powders for official product specifications. The information contained herein is to the best of our knowledge true and correct and any suggestions are made without guarantee, express or implied, since conditions of use are beyond our control. Micro Powders, Inc. disclaims any liability incurred in connection with the use of any data or suggestions. Nothing contained herein shall be construed as a recommendation to infringe on any existing patents covering any material or its use.