

Ultrafine™ 1WLS A Micronized Ultrafine PTFE

IMPORTANT CHARACTERISTICS:

Ultrafine™ 1WLS A is a premium polytetrafluoroethylene fine powder used to improve surface properties of printing inks and coatings. **Ultrafine 1WLS A** is designed for lubricity, abrasion and heat resistance and may be used in combination with other waxes for the most effective balance of cost and performance.

Ultrafine 1WLS A is characterized by a slightly broader particle size distribution. Recommended usage level is 1 to 4%.

APPLICATIONS:

- Heatset and sheetfed offset ink
- UV, metal deco, overprint varnish
- Aqueous and UV coatable
- Laser printable
- Hot foil stampable
- Coil, can, wood and powder coatings

BENEFITS:

- COF reduction, enhanced slip and lubricity
- Mar and scuff resistance
- Excellent heat resistance
- Minimal effect on gloss and rheology
- Anti-blocking and anti-stick

Typical Properties

Property	Value	Test Method / Standard
Grind:	N-1	NPIRI Gage units (5% in ink) Method: BAX-QC-201
Peppering:	N-5	NPIRI Gage units (5% in ink) Method: BAX-QC-201
Median Particle Size	4.5	Malvern Analyzer, microns
Specific Gravity:	2.2	

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For more information, please contact your sales or technical representative.

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