

ULTRAFINE™ 1000PE

ULTRAFINE™ 1000PE is a finely micronized polyethylene wax powder recommended when maximum rub and mar resistance, block resistance, slip, re-coatability and elevated processing temperatures are required. The average particle size of **ULTRAFINE™ 1000PE** is 8 microns with a narrow distribution of particle sizes for ease of dispersion and uniformity during processing. Addition levels range from 0.5 to 3%, depending upon application requirements.

Applications

Solvent-based and water-based flexographic and gravure Ink, sheetfed, UV & metal deco, coil, can, wood coatings, solvent-based stains and lacquers.

- ▲ **Maximum rub and mar resistance, block resistance, slip and re-coatability**
- ▲ **Narrow particle size distribution for ease of dispersion and uniformity**
- ▲ **Tolerable of higher processing temperatures**

Typical properties

Property	Value	Unit	Test Method
Grind (20 % in oil)	N-4	-	NPIRI Gage units, BAX-QC-201
Softening Point Range	235 - 245	°F	ASTM D36
Average Particle Size	8	microns	Malvern Analyzer
Specific Gravity	0.95	g/cc	

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Packaging

ULTRAFINE™ 1000PE is shipped in 125 lb drums.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 36 months. The product should be stored at temperatures between 10 and 30°C (50-86°F). The packaging should be kept tightly closed and stored in dry conditions.

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