

POLYSPERSE™ E

Micronised Synthetic Wax

IMPORTANT CHARACTERISTICS:

Polysperse™ E is a micronised spherical powder. **Polysperse™ E** is a linear hydrocarbon produced by the Fisher-Tropsch process. **Polysperse™ E** is a synthetic paraffin wax, long chain with relatively short side chains.

Polysperse™ E is used in all printing inks: offset, flexo, gravure, radiation curing and screen inks and in coatings and over print varnishes.

Polysperse™ E is especially suitable for UV systems: Offset and Screen.

Polysperse™ E exhibits low surface tension, exceptional surface slip and smoothness, rub resistance, gloss and scuff resistance (non-marking properties).

Polysperse™ E has a unique spherical morphology and narrow distribution of particles for ease of dispersion and uniformity during processing.

Polysperse™ E is easy to disperse in most systems.

APPLICATIONS:

- Flexographic and Gravure inks
- Heatset and Sheetfed offset inks
- Over print varnishes
- Radiation curable and metal decorating inks and over print varnishes
- Coil, can, wood and powder coatings
- Industrial finishes and powder coatings
- Recommended usage level is 0.5-3 % depending on the desired effect

BENEFITS:

- Exceptional rub resistance and non-marking properties
- Uniform, spherical particles for improved gloss
- Low surface tension – enhanced slip
- Easy to disperse
- High performance alternative to polyethylene

Typical Properties

Property	Value	Unit	Test Method
Particle size average	3	µm	Particle Size Analysis

Updated: March 19, 2012 by AdK

® and ™ Licensed trademarks of Lawter, Inc.

DISCLAIMER

The information provided herein was believed by Lawter, Inc. ("Lawter") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. All products supplied by Lawter are subject to Lawter's terms and conditions of sale. LAWTER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY LAWTER, except that the product shall conform to Lawter's specifications. Nothing contained herein constitutes an offer for the sale of any product.