



Microspersion® 31HD-40

A nonionic water based dispersion of finely micronized densified polypropylene for consistent matting and gloss control with superior in-can stability in water based paints, coatings and inks

Features and Benefits

- Convenient, ready-to-use, pourable nonionic wax dispersion
- Efficient gloss reduction from satin to matte finish
- Improves burnish resistance vs. silica mattifiers
- Particle density optimized to essentially eliminate flotation or settling in most water based systems
- Imparts anti-slip properties

Dry Wax ID

PropylMatte 31HD

Recommended Addition Levels

2.0-5.0% (on total formula weight)

Systems and Applications

Water based coatings. Industrial coatings (including plastic, metal, masonry and leather); architectural wall and trim paints; stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure); exterior can and container coatings.

Typical Properties*

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Wax Solids	40%
Viscosity @ 25 °C (cP)	5,000 - 9,000
pH	8.0 - 9.0
Density @ 25 °C (g/cc)	1.04
Wax Mean Particle Size (µm)	8.0 - 12.0
NPIRI Grind	5.0 - 6.0

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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.