Micro Powders

# AquaPoly 511

A complex micronized oxidized polyethylene wax composite for improved scratch, abrasion and mar resistance in aqueous and solvent systems

## Features and Benefits

- A synergistic blend of high molecular weight waxes including polyethylene
- Provides optimum levels of scratch and mar resistance along with excellent slip and mobility
- Improves abrasion resistance
- PTFE (PFAS) free
- Easy to disperse fine powder that can be incorporated into aqueous and solvent based paints, inks and coatings with high speed mixing
- Compare to AquaPolyfluo 411 (without PTFE)

## Composition

Modified oxidized HDPE

## Recommended Addition Levels

0.5-2.0% (on total formula weight)

## Systems and Applications

Solvent and water based coatings. 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); coil coatings.

## Typical Properties*

| | AquaPoly 511 |
|---|---|
| **Melting Point ° C** | 117 - 123 |
| **Density @ 25 ° C (g/cc)** | 0.97 |
| **NPIRI Grind** | 2.5 - 3.5 |
| **Maximum Particle Size (µm)** | 22.00 |
| **Mean Particle Size (µm)** | 6.0 - 8.0 |

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