



## Microspersion® 900-50

A nonionic water based dispersion of a unique ceramic fortified composite of low density polyethylene and PTFE for maximum abrasion and burnish resistance, surface durability and antiblocking

### Features and Benefits

- Convenient, ready-to-use, pourable nonionic wax dispersion
- High performance product for maximizing surface abrasion resistance (Taber) and film toughness
- Fortified with hard, inert, semi-transparent spherical ceramic for maximum abrasion resistance
- Low density polyethylene provides superior surface toughness, durability and mar resistance
- PTFE enhances abrasion resistance, antiblocking and film hardness

### Dry Wax ID

Polyfluo 900

### Recommended Addition Levels

2.0-5.0% (on total formula weight)

### Systems and Applications

Water based coatings and inks. Industrial coatings (including plastic, metal, masonry and leather); architectural wall and trim paints; stains, sealers and varnishes; printing inks and OPV's (including flexo and gravure); coil coatings; rubber additives; floor coatings.

### Typical Properties\*

|                             | <u>Microspersion 900-50</u> |
|-----------------------------|-----------------------------|
| Wax Solids                  | 50%                         |
| Viscosity @ 25 °C (cP)      | 5,000 - 9,000               |
| pH                          | 9.0 - 10.5                  |
| Density @ 25 °C (g/cc)      | 1.01                        |
| Wax Mean Particle Size (µm) | 9.0 - 12.0                  |
| NPIRI Grind                 | 4.0 - 6.0                   |

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