

TECHNICAL DATA

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*

| | Microspersion 900-50 |
|---|----------------------|
| Wax Solids | 50% |
| Viscosity @ 25 $^{\circ}$ C (cP) | 5,000 - 9,000 |
| рН | 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 |
| DTEE (DEAC) free alternatives. Missageneration 4000 40 Missageneration 40041 40 | |

PTFE (PFAS) free alternatives: Microspersion 1229-40, Microspersion 123AL-40

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