

Microspersion® 900-50

A 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 water based 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

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

Dec-25