Micro Powders

TECHNICAL DATA

Microspersion® 190-50

A water based dispersion of a unique, high performance composite of low density polyethylene and PTFE for maximum abrasion and burnish resistance with superior surface durability

Features and Benefits

- Convenient, ready-to-use, pourable water based wax dispersion
- High performance product for improving surface abrasion resistance and film toughness
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- Low density polyethylene provides superior surface toughness, durability and mar resistance
- PTFE dramatically enhances abrasion resistance, antiblocking and film hardness

Dry Wax ID

Polyfluo 190

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 190-50
Wax Mean Particle Size (µm)	9.0 - 12.0
Density @ 25 °C (g/cc)	1.00
Wax Solids	50%
Viscosity @ 25 °C (cP)	5,000 - 9,000
pH	9.0 - 10.5
NPIRI Grind	4.0 - 6.0

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

Mar-26

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