



### **Micropersion® 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\***

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

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

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