

## Microspersion® 1229-40

A nonionic water based dispersion of a highly engineered LDPE/ceramic/nanoceramic composite for abrasion resistance and surface durability

### Features and Benefits

- Convenient, ready-to-use, pourable nonionic wax dispersion
- High performance additive for maximizing surface abrasion resistance (Taber) and film toughness
- Fortified with two types of hard, inert ceramic particles
- Low density polyethylene provides superior surface toughness, durability and mar resistance
- Ideal for walking surfaces
- Effective replacement for PTFE additives

### Dry Wax ID

PolyTuf 1229

### Recommended Addition Levels

2.0-5.0% (on total formula weight)

### Systems and Applications

Water based coatings and inks. Industrial coatings (including plastic and metal); stains, sealers and varnishes; wood coatings; printing inks and OPV's (including flexo and gravure); can, container, and coil coatings; rubber additives.

### Typical Properties\*

	<u>Microspersion 1229-40</u>
<b>Wax Solids</b>	40%
<b>Viscosity @ 25 ° C (cP)</b>	2,500 - 6,000
<b>pH</b>	9.5 - 10.5
<b>Density @ 25 ° C (g/cc)</b>	0.99
<b>Wax Mean Particle Size (µm)</b>	9.0 - 12.0

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