



### **Microsersion® 1229-40**

A 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 water based 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\***

##### **Microsersion 1229-40**

<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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