



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*

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

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