Micro Powders

Microspersion® 1226XF-50

A nonionic water based dispersion of a highly engineered HDPE/ceramic/nanoceramic composite for abrasion resistance and lubricity

Features and Benefits

- Convenient, ready-to-use, pourable nonionic wax dispersion
- HDPE composite reinforced with hard, inert ceramic microspheres and nanoceramic platelets
- Improved Taber abrasion resistance when compared to PE/PTFE additives
- Provides slip and lubricity
- Ideal for can and container coatings; 21CFR 175.300 approved
- Effective replacement for PTFE additives

Dry Wax ID

PolyGlide 1226XF

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*

	Microspersion 1226XF-50
Wax Solids	54.2 – 58.2%
Viscosity @ 25 ° C (cP)	2,000 - 9,000
pH	9.0 - 10.5
Density @ 25 ° C (g/cc)	0.99
Wax Mean Particle Size (µm)	3.5 - 5.5
NPIRI Grind	1.0 - 2.0

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