Micro Powders

TECHNICAL DATA

PolyGlide 1226XF

A highly engineered HDPE/ceramic/nanoceramic composite for abrasion resistance and lubricity

Features and Benefits

- 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
- Compare to (coarser) Polyfluo 900

Composition

HDPE/ceramic

Recommended Addition Levels

0.5-1.5% (on total formula weight)

Systems and Applications

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

Typical Properties*

	PolyGlide 1226XF
Melting Point ° C	109 - 115
Density @ 25 ° C (g/cc)	0.99
NPIRI Grind	1.0 - 2.0
Maximum Particle Size (µm)	15.56
Mean Particle Size (µm)	3.5 - 5.5

This product is also available as a water based wax dispersion - Microspersion 1226XF-50

Feb-25

Micro Powders | 580 White Plains Road | Tarrytown, NY 10591 | 914-793-4058 | micropowders.com