Micro Powders

Microspersion® 28AL-50

A water based dispersion of a value engineered synthetic wax/aluminum oxide nanocomposite for scratch and scuff resistance

Features and Benefits

- Convenient, ready-to-use, pourable water based wax dispersion
- Improves scratch, scuff and mar resistance
- Adds surface slip and lubricity
- Excellent gloss retention
- Biodegradable to OECD 302C test standard
- Microplastic-free (excluded under (EU) 2023/2055)

Dry Wax ID

MP-28AL

Recommended Addition Levels

2.0-5.0% (on total formula weight)

Systems and Applications

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

Typical Properties*

	Microspersion 28AL-50
Wax Mean Particle Size (µm)	6.0 - 8.0
Density @ 25 °C (g/cc)	0.98
Wax Solids	0.50
Viscosity @ 25 °C (cP)	2,500 - 6,000
pH	9.5 - 10.5

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