



Microspersion® 504E

A nonionic low density polyethylene wax emulsion for improving surface properties in water based coatings

Features and Benefits

- Imparts rub, mar and scratch resistance
- Adds hydrophobicity and antiblocking
- Imparts a soft surface feel
- Provides optimum surface protection while maintaining excellent gloss and film clarity

Wax Type

Polyethylene/paraffin

Recommended Addition Levels

3.0-10.0% (on total formula weight)

Systems and Applications

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

Typical Properties*

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Emulsifier Type	Nonionic
Appearance	Off-White to Tan Liquid
Total Solids	40%
Viscosity @ 25 °C (cP)	<500
pH	7.5 - 9.5
Density @ 25 °C (g/cc)	1.00
Wax melting point	100 °C

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