



Microspersion® 510E

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

Features and Benefits

- Imparts slip, scuff and abrasion resistance
- Improves mar resistance, block resistance and slide angle of water based inks, coatings and overprint varnishes
- Adds early water resistance
- Provides optimum surface protection while maintaining excellent gloss and film clarity
- Broad global food contact compliance

Wax Type

Oxidized HDPE

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*

Microspersion 510E

Emulsifier Type	Nonionic
Appearance	Translucent Tan Liquid
Total Solids	35%
Viscosity @ 25 °C (cP)	<200
pH	8.5 - 10.5
Density @ 25 °C (g/cc)	1.00
Wax melting point	140 °C

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