



Microspersion[®] 523

A nonionic water based dispersion of a unique extra fine composite of polyethylene and PTFE for superior surface lubricity with scratch and abrasion resistance

Features and Benefits

- Convenient, ready-to-use, pourable nonionic wax dispersion
- Synergistic wax combination that enhances PTFE mobility to the coating surface
- PTFE dramatically enhances abrasion resistance
- High density polyethylene provides improved surface slip
- Extra fine particle size provides excellent gloss retention and film clarity

Dry Wax ID

Polyfluo 523XF

Recommended Addition Levels

2.0-5.0% (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); interior and exterior can and container coatings.

Typical Properties*

	<u>Microspersion 523</u>
Wax Solids	40%
Viscosity @ 25 °C (cP)	1,000 - 2,000
pH	9.5 - 10.5
Density @ 25 °C (g/cc)	1.03
Wax Mean Particle Size (µm)	3.5 - 5.5
NPIRI Grind	1.0 - 2.5

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Micro Powders, Inc.

580 White Plains Road, Tarrytown, NY 10591
TEL 914.793.4058 FAX 914.472.7098
Email: mpi@micropowders.com

*The above data reflects typical properties. Please contact Micro Powders for official product specifications. The information contained herein is to the best of our knowledge true and correct and any suggestions are made without guarantee, express or implied, since conditions of use are beyond our control. Micro Powders, Inc. disclaims any liability incurred in connection with the use of any data or suggestions. Nothing contained herein shall be construed as a recommendation to infringe on any existing patents covering any material or its use.