



Microspersion® 6515AL-40

A nonionic water based dispersion of a highly engineered HDPE/amide wax/alumina nanocomposite for maximum scratch, scuff and block resistance

Features and Benefits

- Convenient, ready-to-use, pourable nonionic wax dispersion
- Maximum scratch resistance; equal to PE/PTFE additives
- HDPE/amide wax composite reinforced with 300 nm aluminum oxide nanoparticles (Mohs Hardness 9)
- Good abrasion resistance with slip and lubricity
- Amide wax component provides excellent antiblocking and release properties
- Ideal for can and container coatings; 21CFR 175.300 approved

Dry Wax ID

Superslip 6515AL

Recommended Addition Levels

2.0-5.0% (on total formula weight)

Systems and Applications

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

Typical Properties*

Microspersion 6515AL-40

Wax Solids	40%
Viscosity @ 25 °C (cP)	2,000 - 9,000
pH	6.0 - 8.0
Density @ 25 °C (g/cc)	1.00
Wax Mean Particle Size (µm)	3.5 - 5.5
NPIRI Grind	1.0 - 2.0

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*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.