



Microspersion® 6515AL-30

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

Features and Benefits

- Convenient, ready-to-use, pourable water based 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

Typical Properties*

Microspersion 6515AL-30

| | |
|------------------------------------|---------------|
| Wax Solids | 30% |
| Viscosity @ 25 °C (cP) | 1,000 - 5,000 |
| pH | 8.0 - 9.5 |
| Density @ 25 °C (g/cc) | 1.00 |
| Wax Mean Particle Size (µm) | 3.5 - 5.5 |

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.