

Superslip 6515AL-EZ

An easy to disperse HDPE/EBS/aluminum oxide nanocomposite for maximum scratch, scuff and block resistance

Features and Benefits

- Maximum scratch resistance; equal to PE/PTFE additives
- Surface treated powder for effortless dispersion into waterbased systems
- HDPE/EBS 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

Composition

Surface treated HDPE/amide/aluminum oxide

Renewable Carbon Index

>90%

Recommended Addition Levels

0.5-1.5% (on total formula weight)

Systems and Applications

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

Typical Properties*

	<u>Superslip 6515AL-EZ</u>
Melting Point ° C	139 - 145
Density @ 25 ° C (g/cc)	0.99
NPIRI Grind	1.0 - 2.0
Maximum Particle Size (µm)	15.56
Mean Particle Size (µm)	3.5 - 5.5

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