

MP-28AL

Value engineered synthetic wax/aluminum oxide nanocomposites for surface durability and lubricity

Features and Benefits

- Improves scratch, scuff and mar resistance
- Adds surface slip and lubricity
- Choose XF grade for maximum gloss retention
- Choose G grade for maximum gloss reduction and burnish resistance
- Biodegradable to OECD 302C test standard
- Not a microplastic per ECHA definitions

Composition

Synthetic wax/aluminum oxide

Recommended Addition Levels

1.0-3.0% (on total formula weight)

Systems and Applications

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

Typical Properties*

	<u>MP-28AL-G</u>	<u>MP-28AL</u>	<u>MP-28AL-XF</u>
Melting Point °C	114 - 118	114 - 118	114 - 118
Density @ 25 °C (g/cc)	0.99	0.99	0.99
NPIRI Grind	0.00	1.5 - 3.0	1.0 - 2.0
Maximum Particle Size (µm)	44.00	22.00	15.56
Mean Particle Size (µm)	10.0 - 14.0	6.0 - 8.0	4.0 - 6.0

Jul-25