Micro Powders

MP-22

High performance, versatile grade of micronized synthetic wax for improved slip, scratch and rub resistance in a wide variety and paints, coatings and inks

Features and Benefits

- Imparts a high degree of lubricity and slip with rub and mar resistance
- Provides antiblocking properties
- Gives long-lasting water beading and weather resistance to exterior alkyd-based stains
- Consider MP-22C & MP-28C (spherical) for improved surface slip
- Biodegradable to OECD 302C test standard
- Microplastic-free (excluded under (EU) 2023/2055)

Composition

Synthetic wax

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; interior and exterior can and container coatings; coil coatings; powdered metals.

Typical Properties*

	MP-22	MP-22VF	MP-22XF	MP-22XXF
Mean Particle Size (µm)	7.0 - 10.0	6.0 - 8.0	4.5 - 6.5	3.75 - 5.75
Maximum Particle Size (µm)	31.00	22.00	22.00	15.56
Melting Point °C	110 - 115	110 - 115	110 - 115	110 - 115
Density @ 25 °C (g/cc)	0.93	0.93	0.93	0.93
NPIRI Grind	4.0 - 6.0	2.0 - 3.5	1.5 - 3.0	1.0 - 2.3

This product is also available as a water based wax dispersion - Microspersion 22-50. Contact us about a UV dispersion of MP-22.

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