MPP-635

Micronized high molecular weight polyethylene wax for maximum rub and abrasion resistance in inks and coatings

Features and Benefits

- Crystalline, high melting point wax provides superior rub and abrasion resistance
- Imparts excellent antiblocking properties
- High molecular weight and hardness improves resistance to solvent absorption and swelling
- Easy to disperse fine powder that can be incorporated with high speed mixing

Composition

High density polyethylene

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 and metal); 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.

Typical Properties*

	MPP-635F	MPP-635VF	MPP-635XF
Melting Point °C	123 - 125	123 - 125	123 - 125
Density @ 25 °C (g/cc)	0.97	0.97	0.97
NPIRI Grind	4.0 - 5.0	2.0 - 3.0	1.0 - 2.5
Maximum Particle Size (µm)	31.00	22.00	22.00
Mean Particle Size (µm)	8.0 - 10.0	6.0 - 8.0	4.0 - 6.0

MPP-635F is also available as a water based wax dispersion - Microspersion 635F-50

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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.

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