Micro Powders

TECHNICAL DATA

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

This product is also available as a water based wax dispersion - Microspersion 635F-50 & 635VF-50

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