MPP-620

High performance micronized polyethylene wax which provides a unique combination of surface slip, abrasion/rub resistance, and antiblocking in a wide variety of coatings and inks

Features and Benefits

- Imparts excellent abrasion, rub and mar resistance with good surface slip
- Provides excellent antiblocking properties
- Adds heat resistance
- Better resistance to solvent absorption and swelling when compared to synthetic waxes

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-620VF	MPP-620XF	MPP-620XXF
Melting Point °C	120 - 124	120 - 124	120 - 124
Density @ 25 °C (g/cc)	0.96	0.96	0.96
NPIRI Grind	2.0 - 3.0	1.0 - 2.0	1.0 - 1.5
Maximum Particle Size (µm)	22.00	22.00	12.00
Mean Particle Size (µm)	5.0 - 7.0	4.5 - 5.5	4.25 - 4.75

This product is also available as a water based wax dispersion - Microspersion 620VF-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.