

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 wax

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*

	<u>MPP-620VF</u>	<u>MPP-620XF</u>	<u>MPP-620XXF</u>
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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