



NatureMatte® 31

Finely micronized natural, biodegradable PHBV for efficient matting and burnish resistance in paints, coatings and inks

Features and Benefits

- Natural biofermentation powder
- Tough, high molecular weight biopolymer provides efficient gloss reduction
- Improved burnish resistance, better than many synthetic additives
- Imparts anti-slip properties
- Freshwater and marine biodegradable to OECD test standards
- Microplastic alternative

Composition

Poly(hydroxybutyrate-co-hydroxyvalerate)

Renewable Carbon Index

100%

Recommended Addition Levels

2.0-5.0% depending on the level of gloss reduction desired (on total formula weight)

Systems and Applications

Water based and solvent based 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. Agricultural products. Granulation aid. High biocontent coatings.

Typical Properties*

	<u>NatureMatte 31</u>
Melting Point °C	170 - 180
Density @ 25 °C (g/cc)	1.25
Mean Particle Size (µm)	7.5 - 10.5
Maximum Particle Size (µm)	31.00

This product is also available as a waterbased dispersion - Microspersion NM31-35

Mar-23

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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.