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*

	NatureMatte 31
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

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