Micro Powders

TECHNICAL DATA

NatureFine R331

Finely micronized food grade rice bran wax for use in industrial coatings and agrochemical products

Features and Benefits

- Natural food grade wax conforming to 21CFR 172.890 and 40CFR Part 180.910/930/940
- Excellent burnish and abrasion resistance compared to synthetic wax additives
- Biodegradable to OECD 302C test standard
- Improves lubricity, dust-off, and block resistance in seed coatings
- Effective dry powder binding agent
- Microplastic-free (excluded under (EU) 2023/2055)

Composition

Rice bran wax

Renewable Carbon Index

100%

Recommended Addition Levels

1.0 - 20.0% (on total formula weight)

Systems and Applications

Seed coatings and other agricultural products. Granulation aid. High biocontent coatings. 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*

	NatureFine R331	NatureFine R314
Mean Particle Size (µm)	6.0 - 10.0	6.0 - 10.0
Maximum Particle Size (µm)	31.00	31.00
Melting Point °C	77 - 82	77 - 82
Density @ 25 °C (g/cc)	0.97	0.97
Acid Value	<12	<12
Color	White	Light Tan

This product is also available as a waterbased dispersion - Microspersion R331-50.

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