

NatureTex® Series

Micronized naturally derived cellulose acetate for reducing gloss and adding consistent surface texture and structure to a wide variety of paints and coatings

Features and Benefits

- Provides gloss reduction with improved burnish resistance vs. silica
- Adds mild to moderate texture effects to the coating surface
- Naturally derived and biodegradable in both freshwater and marine environments
- High melting point
- Hydroxyl functionality (OH value 116)
- Microplastic alternative

Composition

Cellulose acetate

Renewable Carbon Index

61%

Recommended Addition Levels

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

Systems and Applications

Water based, solvent based, industrial coatings including metal, plastics and masonry, architectural wall and trim paints; stains, sealers and varnishes; wood coatings; floor coatings.

Typical Properties*

	<u>NatureTex 325</u>	<u>NatureTex 270</u>	<u>NatureTex 200</u>	<u>NatureTex 140</u>
Decomposition ° C	> 230	> 230	> 230	> 230
Density @ 25 ° C (g/cc)	1.30	1.30	1.30	1.30
Maximum Particle Size (µm)	44 (325 mesh)	53 (270 mesh)	74 (200 mesh)	105 (140 mesh)
Mean Particle Size (µm)	10.0 - 15.0	18.5 - 23.0	35.0 - 45.0	45.0 - 55.0
Moisture Content	<5	<5%	<5%	<5%

FORMULATION ADVISORY: NatureTex may begin to discolor at cure temperatures exceeding 180 ° C, with thermal degradation beginning above 230 ° C. NatureTex may have some solubility in ester, ketone, and glycol ether based formulas

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