

**BioWhite Series** 

Natural irregular white exfoliants based on PHB with a broad biodegradability profile

**Attributes & Benefits**

- Provides moderate to gentle exfoliation depending on particle size
- Available in 20 and 50 mesh sizes
- Highly sustainable biofermentation material produced from vegetable sugars
- Titanium dioxide and Blue 1 Lake added to give brilliant white coloration
- Biodegradable in both freshwater and marine environments; not a microplastic under ECHA
- Worldwide approval except China

**INCI Name**

Polyhydroxybutyrate  
Titanium Dioxide  
Blue 1 Lake  
Ethylene Distearamide

**Naturality (ISO 16128)**

Natural Index	0	Organic Index	0
Natural Origin Index	0.87	Organic Origin Index	0

**Suggested Applications**

Liquid surfactant detergent systems; body wash, liquid hand soap, facial cleanser, shampoo and scalp treatment. Emulsion systems, bar soap, hot pours. Skincare products and select color cosmetics (lip scrub/primer).

Typical Properties	BioWhite 20PC	BioWhite 50PC
Color	White	White
Particle Shape	Irregular	Irregular
Melting Point ° C	170 - 180	170 - 180
Density @ 25 ° C (g/cc)	1.37	1.37
Maximum Particle Size (mesh)	20	50
Maximum Particle Size (µm)	840	297