

Ecscrub® Series

Naturally derived irregular exfoliants based on PLA

Attributes & Benefits

- Provides aggressive to gentle exfoliation depending on particle size
- Available in 20, 40, 50, 80, 100 and 1435 mesh sizes
- Highly sustainable biofermentation material produced from corn starch
- Compostable per ASTM D6400

Suggested Applications

Liquid surfactant detergent systems; body wash, liquid hand soap, facial cleanser, shampoo and scalp treatment. Emulsion systems, bar soaps and hot pour systems.

INCI Name

Polylactic Acid

Naturality (ISO 16128)

Natural Index	0	Organic Index	0
Natural Origin Index	1	Organic Origin Index	0

Biodegradability

Compostable (ASTM D6400)

Typical Properties	Ecscrub 1435PC	Ecscrub 20PC	Ecscrub 40PC	Ecscrub 50PC
Color	White	White	White	White
Particle Shape	Irregular	Irregular	Irregular	Irregular
Melting Point °C	150 - 160	150 - 160	150 - 160	150 - 160
Density @ 25 °C (g/cc)	1.24	1.24	1.24	1.24
Maximum Particle Size (mesh)	14	20	40	50
Maximum Particle Size (µm)	1410	840	420	297
Typical Properties	Ecscrub 80PC	Ecscrub 100PC		
Color	White	White		
Particle Shape	Irregular	Irregular		
Melting Point °C	150 - 160	150 - 160		
Density @ 25 °C (g/cc)	1.24	1.24		
Maximum Particle Size (mesh)	80	100		
Maximum Particle Size (µm)	180	150		

DISCLAIMER: Ecscrubs may be considered a microplastic under some national standards. We highly recommend that you consult with your regulatory experts to make your own determination.

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