![Micro Powders logo]

Synscrub® Series

Irregular exfoliants derived from biodegradable synthetic wax

Attributes & Benefits

- Provides aggressive to gentle exfoliation depending on particle size
- Available in 20, 35, 50, 80, 100 and 1435 mesh sizes
- Irregular particle shape
- Bright white color
- Economical biodegradable alternative to polyethylene scrubs
- Worldwide approval; not a microplastic; ECHA exempt

Suggested Applications

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

INCI Name

Synthetic Wax

Naturality (ISO 16128)

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

Biodegradability

Freshwater (OECD 302)

Typical Properties	Synscrub 1435PC	Synscrub 20PC	Synscrub 35PC	Synscrub 50PC
Color	White	White	White	White
Particle Shape	Irregular	Irregular	Irregular	Irregular
Melting Point °C	108 - 113	115 - 120	115 - 120	115 - 120
Density @ 25 °C (g/cc)	0.95	0.95	0.95	0.95
Minimum Particle Size (mesh)	N/A	N/A	N/A	N/A
Maximum Particle Size (mesh)	14	20	35	50
Maximum Particle Size (µm)	1410	840	500	297

Typical Properties	Synscrub 80PC	Synscrub 100PC
Color	White	White
Particle Shape	Irregular	Irregular
Melting Point °C	115 - 120	115 - 120
Density @ 25 °C (g/cc)	0.95	0.95
Minimum Particle Size (mesh)	N/A	N/A
Maximum Particle Size (mesh)	80	100
Maximum Particle Size (µm)	180	150

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