



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 | 108 - 113 | 108 - 113 | 108 - 113 |
| 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 | 108 - 113 | 108 - 113 |
| 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 |

Mar-23