

Product Data Sheet

HOMBITAN[®] LW-S-U 100

HOMBITAN[®] LW-S-U 100 pigment is a lattice doped anatase possessing excellent processing properties and enhanced dispersibility for fiber and film applications.

Processing

Easy to disperse in aqueous and organic slurry systems. Wet-grinding promotes dispersion and trouble free further processing.

Suitable for Fibers Made of Polyester

Properties at a Glance

Stabilized Crystal Lattice

- Excellent polymer compatibility
- Good light-fastness
- High UV and weather resistance
- Resistant textile fabrics

No Troublesome Coarse Particle

- Excellent low shear dispersibility
- Long filter lifetime
- Effective suppression of filament breakage
- Suitable for production of microfibers and full dull fibers

Optimized Physical and Chemical Properties

- Color neutral
- Low abrasion

Typical Properties

TiO ₂ content [%]	Minimum 98
Particle size [micron]	Approx. 0.3
Density [g/mL]	Approx. 3.9
pH	Approx. 7.6

This data sheet includes the typical properties of this pigment. It is not a specification, although specifications are available.

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Safety, Health and Environment

As for all fine powders, the handling of titanium dioxide pigments can give rise to airborne dust. Good industrial hygiene practice should be observed so as to avoid the generation and subsequent inhalation of dust. For more information refer to our material safety data sheet.

Storage

Keep the product unstacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the conditions stated above and use within 12 months from delivery.

Contact Details

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