

Product Data Sheet

HOMBITAN[®] LW

Micronized white pigment based on an anatase titanium dioxide.

Applications

Paints and coatings

- Primers, mastic compounds, undercoats, fillers and extenders, mineral bound plasters, road marking paints, lime paints and interior emulsion paints

Paper

- For use in the pulp as a filler for papers with a low weight per unit of area, such as labeling papers, for example
- Meets high standards for opacity, hiding power and lightness
- Also for use as a pigment in cardboard and paperboard sizes

Plastics and rubbers

- Pigmentation of rubber blends

Properties at a Glance

- Low abrasion
- High scattering power for good dry and wet opacity
- Neutral hue, ideal for colored pigmentation blends

Typical Properties

| | | |
|--|--------------------------------------|-------------|
| Titanium Dioxide classification | DIN EN ISO 591-1 | A1 |
| TiO ₂ [%] | | Approx. 99 |
| Color coordinate L* (Powder) | | > 97.5 |
| Relative scattering power ⁽¹⁾ [%] | | Approx. 75 |
| Sieve residue ⁽²⁾ [%] | According DIN EN ISO 787 Part 7 | < 0.03 |
| pH | According DIN EN ISO 787 Part 9 | Approx. 7.5 |
| Density [g/ml] | According DIN EN ISO 787, Part 10 | Approx. 3.9 |

(1) Reference pigment TiO₂ = 100, PVC = 17%. (2) Mesh gauge 45 µm sieve.
This data sheet includes the typical properties of this pigment. It is not a specification, although specifications are available.

Product Data Sheet

HOMBITAN[®] LW

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

Venator
Titanium House, Hanzard Drive
Wynyard Park, Stockton-on-Tees
TS22 5FD, UK

Tel: +44 (0)1740 608001
Email: info@venatorcorp.com

This communication is a general guide to the products described in it. Information is updated regularly. For updates or more information, visit venatorcorp.com. Although given in good faith, accuracy or completeness of information is not guaranteed. Images used are only examples of possible applications using our products. NOTHING IN THIS COMMUNICATION IS (OR SHOULD BE TAKEN AS) A WARRANTY (EXPRESS OR IMPLIED). NO REPRESENTATION, ASSURANCE OR UNDERTAKING IS MADE. NO LIABILITY IS OR WILL BE ACCEPTED BY VENATOR IN RELATION TO THE ADEQUACY, ACCURACY, COMPLETENESS, REASONABLENESS OF THIS COMMUNICATION. ALL AND ANY SUCH LIABILITY IS EXPRESSLY DISCLAIMED. IN ALL CASES IT IS YOUR RESPONSIBILITY TO DETERMINE THE APPLICABILITY OF THE INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF THE PRODUCTS DESCRIBED FOR ANY PARTICULAR PURPOSE. Unless otherwise expressly stated in this document, Venator products must not be used, resold, distributed, transferred, or otherwise disposed of in (or in each case where intended to be used in) any applications or process in: a) which lead stabilizers/stabilized systems are used where the end product is rigid pvc; b) food; c) cosmetics; d) pharmaceuticals; or e) medical. Nothing in this Communication or disclaimer limits claims in respect of death or personal injury caused by our negligence. This Communication is not: a) a license under any intellectual property right of any entity; or b) a recommendation or authorization to action that infringes any intellectual property right. Unless otherwise agreed in writing and signed by the parties, all sales are subject to the general terms and conditions of sale of Venator. Reference to Venator includes its direct and indirect affiliates, and their employees, officers, agents and distributors. Reference to Communication includes this document and anything else made available to you (written or verbal) in connection with the subject matter of this document in any form or medium. HOMBITAN[®] is a registered trademark of Venator in one or more, but not all, countries. © Copyright 2017. All rights reserved. Doc ref code: 0081/0417/V1/MA