

Product Data Sheet

SACHTOLITH® L

SACHTOLITH® L is a white pigment based on synthetic zinc sulfide obtained from highly purified solutions. The product is chemically resistant on the pH range between 4 and 12.

It has a refractive index of 2.37 (of ZnS), high brightness and neutral hue. Low absorption in the near UV range helps increase compatibility with optical brighteners than other inorganic white pigments. SACHTOLITH® L is suitable for abrasion sensitive coatings and gives lubricating properties to duro plastics.

The Benefits of the Product Include:

- Low abrasiveness (due to ZnS based low Mohs hardness of ca. 3) helps reduce cylinder and doctor blade wear
- UV cured systems can benefit from complete through-cure, good adhesion, reduced energy uptake and less photo initiator
- Low binder demand allows formulators to adjust the viscosity of the coating

Typical Properties

ZnS content [%]	Approx. 98
Organic treatment	None
Brightness L* (powder)	Approx. 97
Crystal size [µm]	Approx. 0.3
45 µm sieve residue [%]	≤0.02
pH	Approx. 6
Specific gravity [g/cm³]	Approx. 4.0
Specific surface area [m²/g]	Approx. 8
C.A.S No.	1314-98-3
Rel. scattering power (Reference pigment TiO ₂ = 100; PVC = 17%)	Approx. 54
Hardness (Mohs)	3

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

Product Data Sheet

SACHTOLITH® L

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 stabilisers/stabilised systems are used where the end product is rigid pvc; b) i) 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 Venator Materials Corporation, 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. SACHTOLITH® is a registered trademark of Venator in one or more, but not all, countries. © Copyright 2017. Venator Materials Corporation. All rights reserved. Doc ref code: 0132/0417/V1/MA