

产品数据表

SACHTOLITH® HD-S

SACHTOLITH® HD-S是一种基于高度提纯的硫化锌合成物的白色颜料。该产品PH值在4至12的范围内，具有化学稳定性。

它的折射率为 2.37 (ZnS)，具有高亮度和中性色调。高亮度和中性色调。在近紫外与其他无机白色颜料相比，它在近紫外线范围内的吸收率低，有助于提高与光学增白剂的兼容性。SACHTOLITH® HD-S 适用于耐磨涂料、油墨、塑料和纸张配方、在玻璃纤维增强塑料中也能保持机械性能。

产品的优点包括：

- 玻璃纤维增强塑料机械性能的保持。
- 与荧光增白剂具有很好的兼容性。
- 低磨损性（由于 ZnS 的莫氏硬度较低，约为3）有助于减少滚筒和刮刀的磨损。
- 紫外线固化系统具有完全贯穿固化、粘附性好、能量吸收少、光引发剂用量少等优点。
- 粘合剂需求量低，使配方设计师能够调整涂料粘度。
- 用于聚烯烃时具有相对较高的导热性，有助于保护聚合物免受热降解。

典型特性

ZnS 含量	大约 98%
有机表面处理	有
亮度 L* (粉末)	大约 97
晶体粒径 [µm]	大约 0.3
45 µm 筛余量 [%]	≤0.004
pH值	大约 7
比重 [g/cm³]	大约 4.0
比表面积[m²/g]	大约 8
C.A.S 编号	1314-98-3
相对散射力(以钛白粉作为参照 = 100; PVC = 17%)	大约 56
硬度 (莫氏)	3

本数据表包含本颜料的典型属性。尽管提供有规格，但不能作为规格书。

产品数据表

SACHTOLITH® HD-S

安全、健康与环境

对于所有精细粉末来说，硫化锌颜料的处理可能会产生粉尘。应遵守良好的工业卫生规范，以避免产生粉尘并防止吸入粉尘。有关更多信息，请参阅我们的材料安全数据表。

存储

请将产品存放在干燥、密闭的房间内，保持正常温度和空气湿度。为了达到最佳效果，我们建议按照上述条件储存，并在产品交付后12个月内使用。

联系方式

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

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

苏州硕科新材料有限公司

苏州工业园区唯新路58号启迪科技城20幢

Tel: 0512 68134217

Phone: 13706131672

Email: Marco_skc@163.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: 0131/0417/V1/MA