

产品数据表

SACHTOLITH® L

SACHTOLITH® L 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® L 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：

- 低磨损性(由于ZnS低莫氏硬度约为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。

典型特性

ZnS 含量 [%]	大约 98
有机表面处理	无
亮度 L* (粉末)	大约 97
晶体粒径 [µm]	大约 0.3
45 µm筛余物 [%]	≤0.02
pH值	大约 6
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 54
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。

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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。

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