

产品数据表

TIOXIDE® TR48

TIOXIDE® TR48 是一种经过氧化铝表面处理的疏水性二氧化钛颜料，可在干法加工和液体增塑剂中快速分散于各种聚合物，分散性极佳。

TIOXIDE® TR48 颜料具有细小的晶体和颗粒尺寸，使其属于蓝基调塑料级颜料的范畴。该颜料设计用于实现出色的分散和产量，并且在高温加工过程中具有极低的挥发性。

应用

TIOXIDE® TR48 颜料尤其适用于颜料在聚合物中的分散性和低挥发性要求极高的体系：

- 薄膜
- 多层共挤薄膜
- 单层瓶和多层瓶
- 色母粒
- 信用卡和借记卡
- 吸塑包装
- ABS 应用

性能一览

- 母料的良好分散性和通量
- 即使在高添加量，高温加工，也不会出现鱼眼，空洞
- 高蓝相白色色调
- 粉末（流动）性能好，粉尘产生量少，可减少进料系统中的流动问题和粉尘产生量
- 在众多聚合物体系中具有良好的润湿性。

典型特性

二氧化钛分类	(DIN EN ISO 591-1) R1
TiO ₂ 含量 [%]	Minimum 97
无机表面处理	(Compounds based on:) Al
有机表面处理	Hydrophobic: propriety
彩色坐标 L* (PVC-P) ⁽¹⁾	约 98
彩色坐标 b* (PVC-P) ⁽¹⁾	约 2.9
相对消色力 (PVC-P) ⁽¹⁾	约 109
蓝色底色 Rz/Rx (PVC-P) ⁽¹⁾	约 1.052
研磨细度 [μm]	< 20
C.A.S 编号	13463-67-7
耐久性	中等耐久
比重 [g/mL]	约 4.1
290°C 时的损耗 [%]	最大 0.4

(1) 根据 DIN 53775
本数据表包含本颜料的典型属性，尽管此表提供了规格指标，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，二氧化钛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。

食品接触

该主题过于广泛，无法在技术数据表中充分涵盖。客户应通过联系Venator公司来确认其感兴趣的特定法规的符合性。

存储

该颜料不宜存放在露天或受天气影响的室外区域。应避免直接接触水分。通过正确存放颜料，其性能应不会随时间而恶化。然而，为了确保最佳性能，建议在收到货物后按“先进先出”的原则使用该产品。

包装规格

Venator公司生产的二氧化钛颜料以25公斤袋装和多种灵活的中间型大容量容器的形式提供。

联系信息

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