



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	RF0404 1 230 42	Chemical Name: 化学名称	TiO ₂ A101 钛白粉 A101
Trade Name: 商品名称	TiO ₂ A101 钛白粉 A101	CAS No.: CAS 编号:	13463-97-7
Synonym 同类名称	A101		

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	White powder 白色粉末	Water suspension liquid pH Value 水悬浮液 pH 值	6.0-8.0
TiO ₂ Content (%) 二氧化钛含量 %	98	Oil absorption(g/100g) ≤ 吸油量(g/100g) ≤	26
Residues (45um)% ≤ 筛余物(45um) % ≤	0.10	Solution of water % ≤ 水可溶物% ≤	0.5
Volatile matter at 105℃ % ≤ 105℃挥发份% ≤	0.50	Tint-reducing(As standard sample) ≥ 消色力 (与标样比) ≥	100
Dispensability (μm) ≤ 分散性 (μm) ≤	15		

***Typical Properties 主要特性

Colorless and no odor white powder Insoluble in water, organic acid, scarce inorganic acid, organic solution and fat. Slightly soluble in alkali. It can be completely dissolved in oil of vitriol and hydrocyanic acid by seething for a long time. This product has two styles: rutile and anatase in terms of crystal form. Anatase style has inferior climate resistance and thermal resistance, can accelerate light-aging function of PVC. It mainly uses in inside products, but this style is slight blue, high whiteness, strong tinting strength and great enveloping strength, and dispersing performance is good.	无色无臭的白色粉末。不溶于水、有机酸、稀无机酸、有机溶剂和油，微溶于碱。在浓硫酸和氢氰酸中长时间煮沸可完全溶解。根据晶型形式，本品可分为两种：金红石型和锐钛型。锐钛型的耐热性和耐光性较差，有促进聚氯乙烯光老化的作用，主要使用于室内使用的制品，但该型略带蓝色，白度高，遮盖力大，着色力强，而且分散性教好。
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***Recommended Applications 应用推荐

TiO ₂ A101 is the strongest white dyes that have tinting strength, and has excellent tinting strength and enveloping strength, suitable for using in opaque white products. This product can be used as white tinting agent in rubber and latex, has a certain compensating function in silicon rubber. When used in latex, it can be made into water-based form by adding surface active agents.	钛白粉 A101 是白色颜料中着色力最强的品种，具有优良的遮盖力和着色强度。，实用于不透明的白色制品。本品可以作为橡胶和乳胶的白色着色剂，在硅橡胶中有一定补强作用。在乳胶中使用，可加入表面活性剂制成水分散体。
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***Handling and Storage recommendations 推荐使用和存储条件

Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Store in a cool, dry place. Keep container closed when not in use.	避免与眼睛、皮肤和衣物接触。避免摄取或吸入。储存在阴凉干燥处。产品不用时应密封。
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***Package 包装

Bag: 25kg/bag 包装: 25kg/bag	Pallet(1.1*1.1*0.1): 600kg/P 托盘(1.1*1.1*0.1) : 600kg/P
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