

TECHNICAL DATA SHEET

Description: **S1-K1** is a high purity Rutile TiO₂ more than 99%. It has excellent optical properties and easily dispersed in various kinds of water or oil system. S1-K1 has pretty low heavy metals, complying with Standard of Safety and Technical Standards for Cosmetics of the Peoples Republic of China (2015 version) and GB/T 27599-2011 of China.

Key features:

- Excellent optical properties
- Good dispersibility in both water and solvent system
- Non-toxic and odorless
- Stable chemical properties

Applications:

- ★ Colorant for make-up cosmetic
- ★ Colorant for foodstuff
- ★ Colorant for pharmaceuticals

Remarking: ★ Highly Recommended; ● Recommended

Properties:

• TiO ₂ content:	≥99.0%	• D50, μm:	0.30-0.45
• Loss on drying, %	≤1	• Loss on ignition, %:	≤1
• Soluble in water:	≤0.5	• Soluble in acid:	≤1.5
• As content / ppm:	≤1	• Cd content / ppm:	≤3
• Hg content / ppm:	≤1	• Heavy metal content, in Pb / ppm:	≤10
• Tint strength, %:	≥100	• L value / %:	≥95.0
• Residue (325 mesh), %:	≤0.5	• ΔE:	≤0.8
• Bulk density, g/ml:	0.50-0.80	• Microbial contents, cfu/g:	≤1000
• pH value:	6.0-8.0	• Mold & Yeast count, cfu/g:	≤100

Package & storage:

Package: 25kgs barrel

Storage: Keep tightly sealed and stored in a cool, dry and well-ventilated area.

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