

TECHNICAL DATA SHEET

Description: **RC-ET901** is a non-coated rutile titanium dioxide pigment, produced by the chloride process. Due to the strict control of the content of trace elements in titanium dioxide, the purity of this product is extremely high. With narrow particle size distribution and good dispersibility, it can be widely applied in electronics, batteries, cosmetics and medicine.

Key features:

- High purity, Good dispersibility
- High dielectric constant, Excellent optical property
- Non-toxic and odorless
- Stable chemical properties

Applications:

- ★ Lithium-titanate battery (LTO)
- ★ Multi-Layer Ceramic Capacitor (MLCC)
- ★ Electrical resistor—PTC、VDR
- Glass, cosmetics and medicine

Remarking: ★ Highly Recommended; ● Recommended

| | | |
|--------------------|--|-----------|
| Properties: | • TiO ₂ content: | ≥99.8% |
| | • specific resistance, Ω.m: | 450 |
| | • Average particle size, μm: | 0.43~0.48 |
| | • Volatile matter, %: | ≤0.1 |
| | • Al content / ppm: | ≤5 |
| | • Si content / ppm: | ≤10 |
| | • Fe content / ppm: | ≤7 |
| | • Cl ⁻ content / ppm: | ≤4 |
| | • Na ⁺ 、K ⁺ content / ppm: | ND |

Package & storage:

Package: 25kgs barrel

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

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