

ALPHAWHITE TI RC 75 SL

Product Properties

Titanium dioxides (TiO₂) are the most effective white pigments on the market. **ALPHAWHITE TI RC 75 SL** is new special dispersed TiO₂ in slurry form. The agglomerate-free form of this slurry makes it possible to facilitate the handling of the material in a variety of applications, like paints, coatings, paper, paperboards, adhesives and rubbers, floor coverings, ceramics, such as roofing materials, to save at least 5 % TiO₂ or even more.

MAKE YOUR WHITE WORLD CHEAPER

Key Benefits at a glance

- Avoids powder handling
- Specially dispersed TiO₂- slurry
- No carcinogenic dust formation
- Agglomerate - free
- Outstanding wet opacity
- Storage stable
- Easily dosage
- Opens applications impossible for TiO₂ in powder form



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Introduction

ALPHAWHITE TI RC 75 SL represents a fine dispersed slurry of micronized rutile (TiO₂). The higher level of whiteness of dispersed pigment combines high covering power with extraordinary yield in a lot of applications. **ALPHAWHITE TI RC 75 SL** is applicable in various industrial varnishes and paints, decorative paints, printing inks, road markings and water-compatible polymer plastisols. New production technology **ALPHAWHITE** reduces the sieve residue > 40 µm by factor 10 compared with conventional technology (e.g. dissolver).

Chemical and Physical Data

| | |
|----------------------|---|
| Composition: | Highly dispersed slurry of TiO ₂ |
| Color: | High white |
| Form: | High filled slurry |
| Sieve residue 40 µm: | < 0,01 % |
| Solid content: | ~ 75 % |
| Bulk Density: | ~ 2200 kg/m ³ |
| pH-value: | 8.2 |
| Viscosity: | ~ 1000 mPa*s |

Application examples

Paints and coatings:

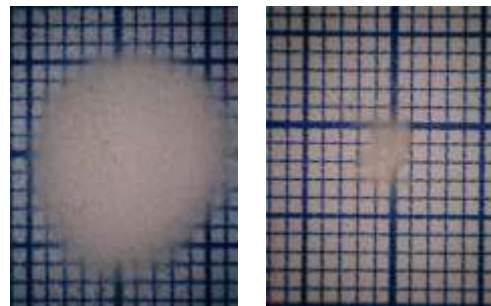
- Applications: wallpaper coatings, dispersion paints, high gloss paints for furniture
- Impression of luminosity of rooms

Paper:

- Applications: carton-paper coatings, decorative paper
- High whiteness and opacity

Special applications:

- Enamel ceramics, white concrete, printing inks
- Highest whiteness and superlative coloring



Direct comparison of sieve residues on 40 µm:
a. Conventional b. **ALPHAWHITE TI**