

ALPHAWHITE RC SL 78

Product Properties:

Titanium dioxides (TiO₂) are the most effective white pigments on the market. **ALPHAWHITE RC SL 78** 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, plastics and rubbers, floor coverings, ceramics, roofing materials, to save 5 % and more TiO₂.

WELL-DISPERSED AND HIGH-FILLED SLURRY

Key Benefits at a glance:

- Special dispersed TiO₂- slurry
- Agglomerate free
- Outstanding wet opacity
- Extraordinary storage stability
- Leads to higher filling degrees
- More precise adjustable per application
- Broadens application spectrum for TiO₂



Picture: brandi-redd-122054-unsplash

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Introduction:

ALPHAWHITE RC SL 78 represents a fine dispersed slurry of micronized rutile pigments (TiO₂). The predispersed material has very high storage stability because of high filling degree and a special polymeric stabilising agent. The higher level of whiteness of well-dispersed pigment in combination with an easy dispersibility permit a high covering power with extraordinary yield in all kind of applications.

ALPHAWHITE RC SL 78 is applicable in various industrial varnishes and paints, decorative paints, printing inks, road markings and water based polymer plastisols. The new production technology of the **ALPHAWHITE RC SL 78** 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
Activity:	100 % active by weight
Color:	High white
Form:	High filled slurry
Sieve residue 40 µm :	< 0,01 %
Solid content:	78 %
Bulk Density:	2400 kg/m ³
pH-value:	8,4
Viscosity:	1700 mPas

Application examples:

Paints and coatings:

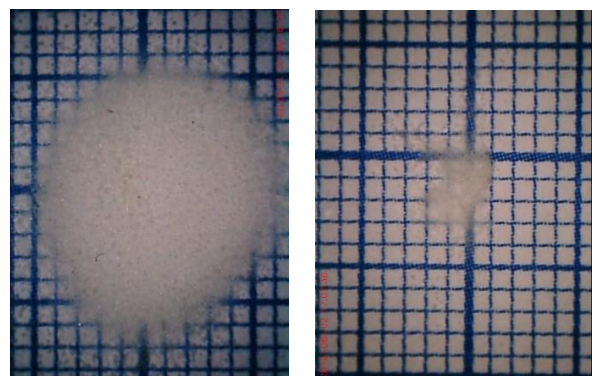
- Applications: wallpaper coatings, dispersion paints, high gloss dispersions primers, plasters
- Impression of luminosity of rooms

Paper:

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

Special applications:

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



Sieve residues > 40 µm:

a. Conventional technology

b. Optimised technology
ALPHAWHITE.

Picture: Alpha Calcit ©

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