



RC 813

KEY PROPERTIES

- Exceptional opacity,
- Provides excellent dispersion properties,
- Optimal gloss
- Low abrasion

Titanium dioxide

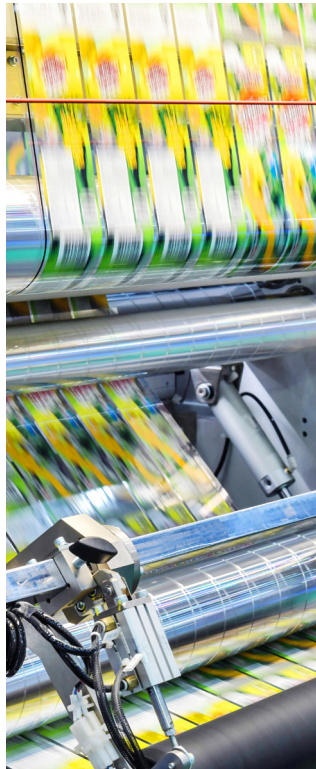
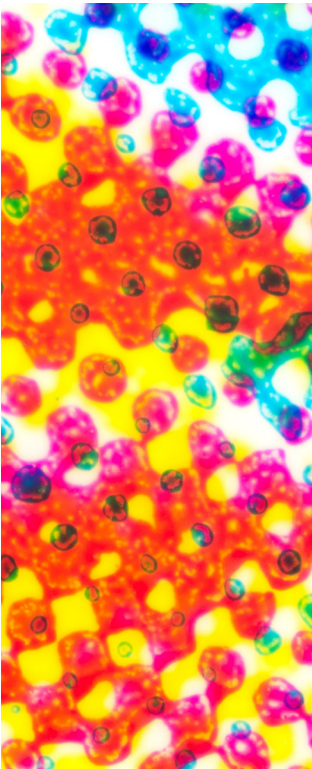


PRODUCT CHARACTERISTICS

RC 813 grade is produced according to the sulphate process. The quality of the pigment is ensured by the size of the primary particles in order to achieve optimal optical properties. An narrower particle size distribution is controlled by a new dry grinding and wet milling technology, which has a beneficial effect on improving the opacity and gloss.

FIELDS OF APPLICATION

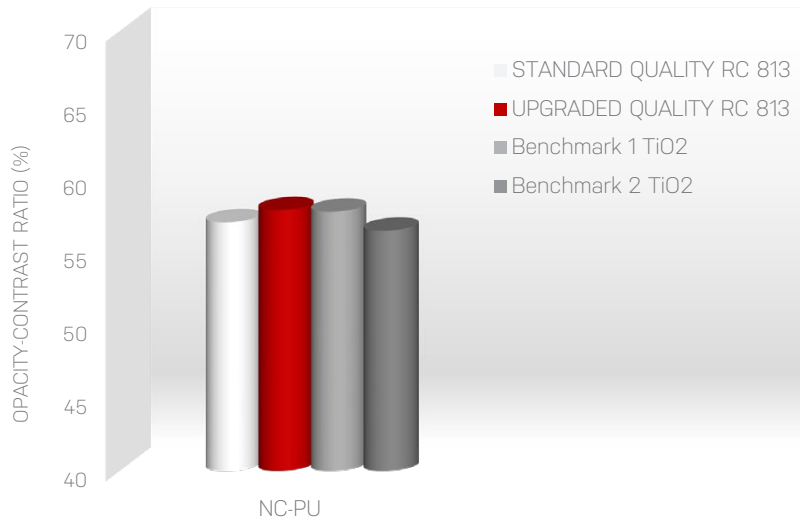
- Gravure and flexographic inks,
- Industrial and decorative coatings for a wide range of applications,
- Coil-coating



ADVANTAGES

Excellent opacity

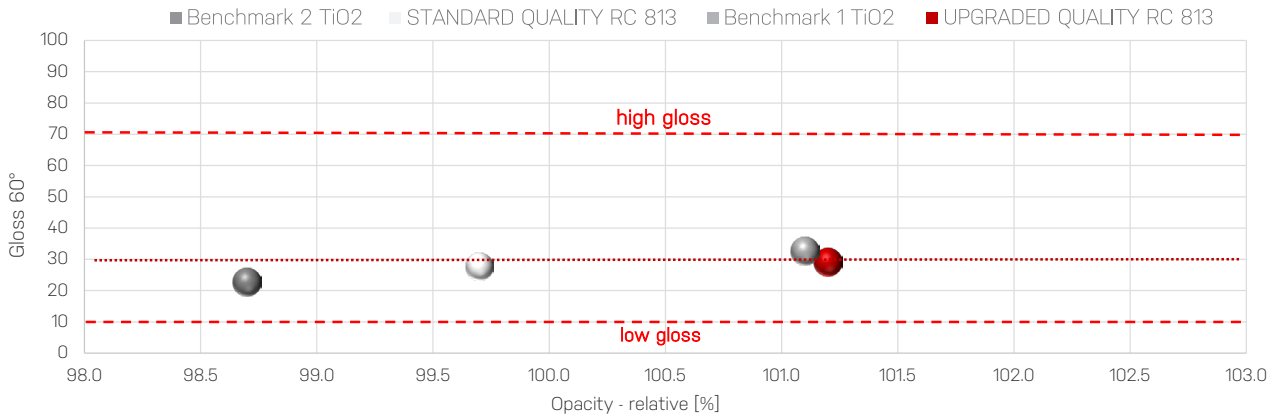
Optimized particle size distribution leads to inks with improved optical properties. Ink pigmented with RC 813 has superior opacity, which has a great influence on the lowering production costs. Product developments improve the overall quality and performance of RC 813.



Opacity-Contrast ratio of the prints of inks compared to quality range sulphate Benchmark grades

Optimal gloss

By using intensive grinding and milling processes within production, the coarser pigment particle fractions are eliminated, resulting in higher gloss performance.



The gloss of the prints of inks compared to quality range sulphate Benchmark grades

Disperses readily

Excellent pigment dispersibility of RC 813, achieved by the advanced grinding and milling technology and special surface treatment, enables the production of printing inks requiring only a high-speed dissolver, making the process of ink production more efficient in terms of time and energy.

Low abrasion

RC 813 is significantly less abrasive compared to sulfate grades. Lower abrasion extends machine life, reduces printing costs and increases production efficiency.

COMPLIANCE

By selecting suitable raw materials for production, we make sure that our products comply with legislation.

SAFETY, HEALTH AND ENVIRONMENT

Dusting may occur when handling fine powders. Therefore, it is necessary to follow the instructions for handling such materials.



Titanium dioxide

This leaflet is a general guide to the properties of RC 813 pigment and its potential applications. More detailed information about RC 813 pigment can be provided by the Technical Service personnel at Cinkarna Celje.

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