



CINKARNA

Titanium dioxide



RC 819

RC 819 grade is produced according to the sulphate process. Optimal optical properties and thus the quality of the pigment are ensured by the size of the primary particles. An even particle size distribution is controlled by new dry grinding and wet milling technology, which has a beneficial effect on improving the optical properties of the pigment, such as brightness and undertone, and on the improved processability. Special organic surface treatment reduces the migration level in final application.

FIELDS OF APPLICATION

- Masterbatches for thin and thick-layered film production
- Masterbatches for injection moulding intended for interior use
- Monobatches for coloured masterbatches formulation
- Gravure and flexographic inks



IMPROVED PROCESSABILITY | HIGH PIGMENT LOADING | OUTSTANDING DISPERSIBILITY | HIGH TINTING STRENGTH | EXCELLENT OPACITY



ADVANTAGES

■ Improved processability

Improved properties allow the production of high-quality products even at high pigment loadings. The incorporation of RC 819 into a polymer contributes to increased processability, to the development of much more efficient processing conditions and higher production capacity, which in turn reduces production costs and energy consumption.

■ Outstanding dispersibility

By implementation of intense grinding and milling processes, coarser particles are eliminated which results in narrower particle size distribution and improved dispersibility of the pigment. RC 819 pigment is designed specifically for use by the plastics industry. Its unique surface treatment ensures very easy dispersion. Apart from plastic applications, due to high gloss and opacity RC 819 has proven to be an excellent grade for use in solvent based printing inks.

■ Increase in optical properties

Optimized milling technology separates coarse fractions of particles into smaller ones, which ensures high brightness and a neutral undertone, as well as better performance in the final application.

FOOD CONTACT

By selecting suitable raw materials for production, we make sure that our products comply with legislation. RC 819 can be used in production of products or semi-finished products intended to come into contact with food.

SAFETY, HEALTH AND ENVIRONMENT

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

SALES

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