

PRODUCT DATA SHEET

Description: Tiona RCL-722 is a neutral tone rutile titanium dioxide pigment made by the chloride process and specially designed for use in the production of décor paper and laminates. The surface treatment is optimized to give maximized production first pass retention and paper opacity combined with an excellent initial color and long term color stability.

- Key Features:**
- Unparalleled combination of opacity, brightness and light stability
 - Cationic surface charge for efficient retention
 - Easy dispersion in waters of widely varying hardness and pH
 - Excellent retention across a wide pH range
 - Outstanding product consistency
 - Versatility of addition to paper machine:
 - ⇒ directly into the pulper
 - ⇒ as a dispersion added at various points from the pulper to the headbox
 - Excellent light stability in melamine resin systems

- Applications:** Tiona RCL-722 is recommended for evaluation in:
- Base paper for décor laminates (flooring, furniture)
 - Décor papers for HPL, LPL, CPL laminate structures (white and colors)
 - MF pre-impregnated paper
 - Paperboard for furniture industry
 - Edge-banding
 - Pigmented MF/UF impregnation formulations for LPL production
 - Melamine-based molding powders

- Typical Properties:**
- TiO₂ content: 90%
 - Surface treatment: Phosphate, alumina
 - Specific gravity: 3.9
 - Iso-electric point: 6.8

- Additional Information:** Tiona RCL-722 conforms to:
- ECOIN: listed under EINECS number 236-675-5
 - CAS number 13463-67-7
 - Color Index 77891, Pigment White 6

Regulatory Status: Due to the wide range of applications for Tiona RCL-722 this subject is too diverse to cover adequately in a technical datasheet. Declarations of conformity can be provided on request. Please contact your Cristal sales representative.

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