

PRODUCT DATA SHEET

Description: Tiona RCL-4 is a neutral tone, chloride-process rutile titanium dioxide pigment designed for optimal dispersion and processing performance in plastics. The proprietary, hydrophobic organic treatment yields an easy-dispersing pigment in virtually all plastic resin systems, and inhibits the yellowing effects that can occur during polyolefin processing.

- Key Features:**
- Excellent dispersion
 - Reduced screen pack blockage
 - Reduced downtime
 - Fewer defects in thin film applications
 - Easy processing without the use of stearates or other processing aids
 - Excellent brightness
 - Highest opacity and tinting strength

Applications: Tiona RCL-4 is recommended for evaluation in:

- Color concentrate
- Polyolefins
- ABS
- Polystyrene
- Flexible PVC
- PVC pipe (NSF)
- Vinyl siding substrate layer
- Exterior chalking applications
- Plastisols

- Typical Properties:**
- TiO₂ content: 97%
 - Surface treatment: Alumina, organic
 - Specific gravity: 4.1
 - Tint tone: Neutral
 - Loss at 105°C: 0.15%

- Additional Information:** Tiona RCL 4 conforms to:
- ASTM D476 – 00(2000)
 - 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-4, 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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