

Description:

RCL4 is a neutral tone, chloride-process rutile titanium dioxide pigment designed for optimal dispersion and processing performance in plastics. The unique hydrophobic organic treatment yields an easy-dispersing pigment in virtually all plastics resin systems and inhibits the yellowing effects that can occur during polyolefin processing.

Applications:

- Custom color concentrate
- Polystyrene
- Polyolefins
- ABS
- Flexible PVC
- Vinyl siding substrate layer
- Exterior non-durable white applications
- Plastisols

Additional Information:

RCL4 conforms to:
ECHOIN: 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 RCL4, this subject is too diverse to cover adequately in a technical datasheet. Declarations of conformity, including food contact compliance, can be provided on request. Please contact your INEOS Pigments sales representative.

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See the Safety Data Sheet (SDS) for this product for safety information prior to use.

This document does not constitute a specification. Product Specifications are available on request. RCL4 is not recommended for use with lithopone and zinc sulfide due to potential odor generation.

Typical Properties:

TiO₂ content – 97%
Surface treatment – alumina and organic
Specific gravity – 4.2
Tint tone – Neutral
Loss at 105°C – 0.15%

Key Features:

- Excellent dispersion
- Reduced screen pack blockage
- Reduced downtime
- Fewer defect in thin film applications
- Highest opacity and tinting strength
- Easy processing without stearates or processing aids
- Excellent brightness