

Description:

RCL188 is a blue tone chloride-process rutile titanium dioxide pigment designed for use in the most demanding masterbatch and compounding applications. The surface treatment has been optimized to give excellent dispersion combined with exceptionally high opacity, brightness and tinting strength. RCL188 is particularly recommended for high temperature and dispersion-critical thin film applications.

Typical Properties:

TiO₂ content – 98%
Surface treatment – proprietary organic
Specific gravity – 4.2
Tint tone - blue
Loss at 105°C – 0.15%

Applications:

- High temperature, thin films
- Color concentrate
- Polyolefins
- Styrenics
- Engineering polymers*
- Multi-layer structures
- BOPP, BOPET
- Injection and blow molding
- Membranes and sheets
- PVC pipe

*Not recommended for polycarbonate

Key Features:

- Exceptional dispersion and processability
- Highest loadings
- Resistant to lacing and die lip build-up
- High brightness
- Very high opacity
- Very high tinting strength
- Very low volatiles

Additional Information:

RCL188 conforms to:
EICOIN: listed under EINECS number 236-675-5
CAS number 13463-67-7
Color Index 77891, Pigment White 6
NSF Certification

Regulatory Status: Due to the wide range of applications for RCL188, 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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