

TINOX R-2240 Rutile Titanium Dioxide

TINOX[®] R-2240 is a sulphate process rutile pigment intended for use in plastics. It has an inorganic posttreatment, as well as organic posttreatment. TINOX[®] R-2240 offers outstanding performance in plastics application with **strong opacity, low oil absorption**, as well as **good dispersing properties** and **good processability**.. TINOX[®] R-2240 is used in a variety of different plastics.

● Applications

- Masterbatch
- Universal plastics
- Powder coatings
- Polyolefin
- PVC

● Properties

- Strong opacity and hiding power
- Good dispersibility
- Strong powder followability
- Good processability

● Product specification

TiO ₂ Content %	≥ 96.0
Rutile Content %	≥ 98.0
Brightness CIE L*	≥ 95.0
Tone CIE b*	≤ 3.0
Tinting Strength [Reynolds]	≥ 1950
Blue undertone [SCX]	≥ 3.5
Rel. humidity 105°C	≤ 0.3
Oil absorption [g/100g]	≤ 16
PH	6.5~8.5
Sieve Residual [45µm]	≤0.01
Posttreatment	Al, Zr, Organic
Bulk density [kg/m ³]	830
Weatherability ¹⁾	B
CAS No.	13463-76-7
ASTM D476	II IV
ISO 591-1:2000	R2

1) Internal weathering classification. A: strong, B: good, C: moderate

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