

## 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

TiO2 Content %	≥96.0
Rutile Content %	≥97.5
Posttreatment	Al, Zr, Organic
Whiteness Index [Berger]	≥70
Yellow Index [YI-313]	≤3.5
Rel. humidity 105°C	≤0.50
Volatiles 160°C	≤ 0.70
Volatiles 300°C	≤1.10
Oil absorption [g/100g]	≤ 16
Dispersibility Hegman scale (Polyethyleneglycole)	≥6.0
Powder flowability (Ringscher method ASTM D6773)	2.1
Bulk density [kg/m3]	831
Weatherability	B
ASTM D476:2000	II
ISO 591-1:2000(E)	R2

1) Ringscher method ASTM D6773    2) Internal weathering classification. A: strong, B: good, C: moderate

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