

KRONOS[®]



R-2220 Technical Data Sheet

Product Characteristics

KRONOS 2220 is the leading rutile pigment for the plastics industry. It meets the highest demands on material handling, dispersibility, optical properties and weather resistance. It has been the market leader for many years, particularly in the PVC profile industry.

Applications

for plastic applications which require high outdoor durability and very good optical properties

- PVC, flexible and rigid
- Polyolefins
- Polystyrene and copolymers
- Plasticizer pastes and liquids colorants
- Engineering plastics

Specifications & Properties

➤ Production:	rutile pigment produced by the chloride process
➤ Surface treatment:	aluminium, silicon and polysiloxane compounds
➤ TiO ₂ content:	≥ 92.5%
➤ Standard classification:	R 2
➤ Brightness (DFC L):	92.7 – 98.0
➤ Tone, white (DFC b):	1 – 1.9
➤ Tone, grey (VIG HSC):	3.2 – 3.8
➤ ASTM D 476:	Type II, III & IV
➤ Density:	4.0 g/cm ³
➤ Oil absorption:	17 g/100 g pigment
➤ Color index:	Pigment White 6 (77891)
➤ CAS No.:	13463-67-7

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Properties

KRONOS 2220 Titanium Dioxide:

- Confers high outdoor durability in a wide range of plastic applications
- Imparts very high brightness and a neutral tone in whites
- Has high tinting strength and hiding power
- Is readily wetted and dispersed

Packing

In 25kg paper bags

Product Storage

Keep it in cool, dry and clean conditions in its original packing, and avoiding direct sunshine. Opened sacks should be used promptly to avoid the moisture absorption.

Safety Precautions

Wear gloves and safety glasses with side shields, safety shoes when handling TiO_2 . In case of eye contact, flush it immediately. In case of skin contact, clean it after the use.