

CELLCOM - KR-588
Product Description

CELLCOM - KR-588 is titanium dioxide rutile specially designed for plastic applications. It has super bluish undertone, outstanding tinting strength and hinding powder.

KR-588 particular surface treatment guarantees super low moisture absorption, volatile at high temperaure and as well as excellent dispersion and processibility.

Physical Properties of CELLCOM - KR-588

Property	Typical value
TiO ₂ content, %	98.2
Inorganic treatment	Al ₂ O ₃ ·nH ₂ O
Organic treatment	Organic silicon
Oil absorption, g/100g pigment	13
Loss at 105°C, %	0.15
Color in white PVC-P(L*)	97.4
Tinting strength in grey PVC-P (compared with STD)	103
Carbon black tinting strength in grey PV (compared with STD)	17
Melt flow rate(MFR), g/10mins	23
Filtratiob pressure value(FPV), bar/g	0.03
Voatile at high temperature(300 °C), %	0.08
Specific gravity, g/cm ³	4.1

Characteristics

- Super bluish undertone and high tinting strength
- Outstanding dispersion
- Top-level opacity
- Excellent processibility
- Super low volatile at high temperature
- Good heat stability
- Good color performance

Recomended Uses

- Polyolefin master batch, especially high-loading master batch
- Super-thin film & casting film
- Engineering plastics
- Various plastics which have high request on dispersion and volatile at high temperature

Safety Precautions

- Always wear gloves and protective clothes handling TiO₂.
Although it will cause no harm in case of skin contact, you are still recommended to wash your skin with water after use.
- If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Packaging

25kg paper bags and 500 or 1,000kg bag for plastic woven bags

Product Storage

Keep from damping conditions and maximum 20 layers if stacking.

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