

TECHNICAL DATA SHEET

KEMOX RC – 800 PG +

Rutile Titanium Dioxide

General Description

KEMOX RC 800 PG + is a tailor made plastic grade rutile TiO₂ pigment for heavily TiO₂ loaded plastic masterbatches with increased filterability. It is a low oil absorption, medium durable multiphase alumina treated pigment produced by chloride process. The poly carboxylic acid is incorporated in TiO₂ for excellent brightness and improved dispersion. The pigment has good tinting strength, excellent gloss and improved filter pressure values (Low filter pressure values).

Applications

KEMOX RC 800 PG + finds application in plastic requiring a blue white high dispersion TiO₂.

Major area of application is in high loaded masterbatches, polyolefin films and in pipe and other plastic applications.

Typical Properties

Titanium Dioxide %	95.3
Rutile Content %	99 +
Specific Gravity	4.1
Bulk Density (g / cc)	0.87
Treatment	Al / Poly Carboxylic / Polyol
Oil Absorption	15-16 g/100 g of pigment
Resistivity	10000 (min)
pH	5.0 – 7.0
Volatile Matter at 105 °C (%)	0.3
FPV (EN ISO 23900-5 : 2019-01)	0.03 bar/g
Average Particle Size (micron)	0.30
Grit (325 mesh) %	< 0.2

Packaging

25 Kg multi-wall paper bags