

ELLITE COLORANTS AND ADDITIVES LLP

TITANIUM DIOXIDE R-6618

Technical Data Sheet

PRODUCT INFORMATION:

DR-2588 is titanium dioxide rutile specially designed for plastic applications. It has super bluish undertone, outstanding tinting strength and hiding power. DR-2588 particular surface treatment guarantees super low moisture absorption, volatile at high temperature and oil absorption as well as excellent dispersion and processibility.

APPLICATION FIELDS:

The product is suitable for coatings, Ink, Leather, Paints, Plastics, Rubber.

Property	Typical Value
TiO ₂ content	> 98.2 %
Inorganic Treatment	Al ₂ O ₃ *nH ₂ O
Organic Treatment	Organic silicon
Brightness	> 98 %
Oil absorption	< 13 % (g/100g)
Loss at 105°C	0.15
Color in white PVC-P	97.4 %
Tinting Strength in grey PVC-P	103
Carbon black tinting strength in grey PVC-P	17
Melt flow rate(MFR)	23 g/10mins
Filtration Pressure Value(FPV)	0.03 bar/g
Volatile at high temperature(300°C)	0.08 %
Specific Gravity	4.1 g/cm ³

CLASSIFICATIONS:

Standard Classification (ISO591)	R1
ASTM D476	II

PACKAGING:

Packed by paper and plastic bag with net weight 25Kg