



8045 Buff Rutile Titanium Dioxide

Description: 8045 is a buff colour (tan) Rutile grade that offers comparable performance characteristics such as opacity to white TiO2. 8045 can reduce the amount of some of the organic and other inorganic pigments in addition to some of the white TiO2 in selected formulations.

Chemical Type	Buff Rutile Titanium Dioxide	Constitution No.	77891
Color Index	Pigment White 6	CAS No.	13463-67-7

Typical Chemical and Physical Properties

Color	Buff
Crystal Form	Rutile
Surface Treatment	Silica / Alumina
Titanium Dioxide (%)	≥ 90
Particle Size (µm)	1.0
Water Soluble Matter (ppm)	1,000
Specific Gravity	3.8
Oil Absorption (g/100g)	15 - 25
Sieve Residue (300 Mesh - % max.)	1.0
Sieve Residue (500 Mesh - % max.)	2.0
Loss of Ignition (% max.)	1.0
Moisture Content (% Max.)	1.0
Heat Stability (HDPE)	380°F / 193°C

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative	■	Water Flexo		Paper	
PE	■	Automotive/Aerospace		Solvent Flexo		Rubber	■
PP	■	Industrial	■	InkJet		Finger Paints	
PS	■	Powder	■	UV		Seed Coatings	
PET				Offset			
Fiber							

Not Frequently Used Limited Recommended

Comments: 8045 can be used for yellow traffic marking paints, roofing granules, wood coatings, industrial primers and coatings, caulks and sealants. In plastics, 8045 can be used in siding, plastic sheeting and films, PVC pipe and conduits and in the construction industry.

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY DCL: The information contained herein is true and accurate to the best of our knowledge and are deemed as typical values, being therefore provided without warranty or guarantee. Since the conditions of use are beyond our control, DCL disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein. DCL strongly recommends careful screening/testing before using its products in production.