



8086 Rutile Titanium Dioxide

Description: 8086 is a durable rutile titanium dioxide with good hiding power manufactured by the sulfate process. 8086 is surface treated alumina and silica to improve the dispersibility.

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

Typical Chemical and Physical Properties

Crystal Form	Rutile
Surface Treatment	Silica / Alumina
Titanium Dioxide (%)	94
Rutile Content (%)	98
Water Soluble Matter (%)	0.30
Oil Absorption (g/100g)	22
Sieve Residue (45 Mesh - % max.)	0.10
Moisture Content (% Max.)	1.0
pH of Water Suspension	6.5 – 8.5

Applications

Plastics	Coatings	Inks	Other
PVC <input checked="" type="checkbox"/>	Decorative <input checked="" type="checkbox"/>	Water Flexo <input checked="" type="checkbox"/>	Paper
PE <input checked="" type="checkbox"/>	Automotive/Aerospace	Solvent Flexo <input checked="" type="checkbox"/>	Rubber <input checked="" type="checkbox"/>
PP <input checked="" type="checkbox"/>	Industrial <input checked="" type="checkbox"/>	InkJet	Finger Paints
PS <input checked="" type="checkbox"/>	Powder <input checked="" type="checkbox"/>	UV	Seed Coatings
PET <input checked="" type="checkbox"/>		Offset	
Fiber <input checked="" type="checkbox"/>			

Not Frequently Used Limited Recommended

Comments: 8086 is recommended for the construction industry.

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