



Technical Data sheet **Revision Date : 01/2017** **Rev No.:3**

Chemical Name	Nickel Antimony Titanium Yellow Rutile	
Color Index	C I Pigment Yellow 53	
C.I . No.	77788	
CAS No.	8007-18-9	
Chemical Composition	Ni/Sb/Ti Oxide	
Model No.	JF-B5302	
Color Reference	Mass Tone	
	Tint Tone 1:4	

Regulations

EU RoHS Directive 2011/65/EU	Compliant
EN71Part 3:1994 (A1:2000/AC2002)	Compliant
REACH Pre-registration	Compliant

Physical Properties

Fastness Properties

Appearance	greenish yellow powder	Heat resistance (°C) ≥	1000
crystal form	Rutile Pattern	Light fastness (grade 1-8)	8
Mean particle size	1.5	Weather fastness (grade 1-5)	5
Moisture Content	less than 0.30%	Acid Resistance (grade 1-5)	5
Water soluble salt	less than 0.3%	Alkali Resistance (grade 1-5)	5
Oil	11-20		
PH Value	6-9		

Suggested Application

- 1) Paints,coatings: Exterior coatings, PVDF coatings,industrial coatings ,aerospace and marine coatings ,automotive coatings,decorative coatings,camouflage coatings, coil coatings, powder coating ,oily paint ,water-based paint ;light-resistance paint,weather-resistance paint, Uv coating,high-temperature paint...etc.
- 2) Plastic: PE,PVC, PP,ABS,engineering plastic,masterbatch...etc.
- 3) Glass : Technology glass ,colored glass,glass lamps...etc.
- 4) Ceramics:Daily-use ceramics ,architectural ceramics,ceramic works ,engineering ceramics...etc.(on-glaze, under-glaze)
- 5) Enamelware :Daily-use enamelware ,industrial enamel, architectural enamelware...etc.(on-glaze,under-glaze)
- 6) Inks : Colored inks ,watermark inks,concave-convex inks...etc.
- 7) Building material:Colored sand ,concrete...etc.