

# Technical Data Sheet

## Yellow 5310A

The product description	
Chem. structure	Ni-Sb-Ti-O
Color index	Pigment Yellow 53
C.I. number	77788
CAS number	8007-18-9
Titanium nickel yellow is a high-temperature calcined green phase yellow pigment that is easy to disperse, has good covering power, excellent light resistance, weather resistance, heat stability, acid, alkali, and chemical corrosion resistance, and has high light reflectivity without color permeation or migration.	

Full	Reduction

Physical Properties		
Appearance	Yellow powder	
Density (g/cm <sup>3</sup> )	~4.4	DIN EN ISO 787/10
Oil absorption (g/100g)	10-20	DIN EN ISO 787/5
Water soluble matter (%)	≤1.0	DIN EN ISO 787/3
Moisture (%)	≤1.0	DIN EN ISO 787/2
PH	7-9.5	DIN EN ISO 787/9
Sieve residue on 45microns (%)	≤0.5	DIN 53195
Primary particle size D50 (μm)	~1.5	ISO13320-1

Fastness Properties	
Heat resistance [°C]	<800
Acid resistance	5
Alkali resistance	5
Light fastness Full shade	8
Weatherfastness Full shade	5

Chemical Inventory listing status
Yellow 5310A all components of are listed in the following national chemical lists: AICS、DSL、ECL、EINECS、IECSC、MITI、NZIOC、PICCS、TSCA
Standard packaging
25KG Paper bags
- Different types of packaging are available on request.