

Technical Data Sheet

SPP-1005 Pigment

C.I. Pigment Yellow 53

Nickel Antimony Titanium Rutile

EINECS # 232-353-3

C.I. # 77788

CAS# 8007-18-9


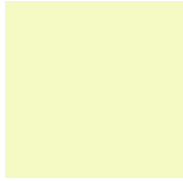
SPP-1005 is a NickelAntimony Titanate Yellow pigment. It fits for **RAL 1016** and **Pantone 106 C**. It has excellent chemical resistance, outdoor durability, light fastness, heat stability and is non-bleeding and non-migratory. It is a all-purpose pigment, suggested applications include RPVC, Polyolefins, Engineering Resins. This pigment causes no warpage in injection-moulded or extruded parts - not even large ones. It make it particularly suitable for Paints and Coatings including General Industrial, Coil and Extrusion coatings. Another field of application are architectural finishes, both water- and solvent-based. Combining this pigment with high-quality organic yellow or red pigments allows to realize a wide spectrum of colors with good fastness properties as well as an excellent gloss and hiding power.

PHYSICAL PROPERTIES

TEST METHOD

Specific Gravity (g/cm ³)	4,30 (±0,1)	DIN-ISO 787 part/Teil 10
Oil Absorption (g/100 g)	18,0	DIN-ISO 787 part/Teil 5
Median size (µm)	1,7	Cilas Granulometer HR 850-B
Specific Surface (m ² /g)	2,2	
pH	7,5 - 8,5	DIN-ISO 787 part/Teil 9
Heat resistance	> 500 °C	
Fastness to Light	> 7	DIN 54003
Fastness to Weather	> 4	DIN 54001
Sieve residue (325 mesh / 45 µm)	< 0,1 %	DIN 53195
Moisture	< 0,5 %	DIN-ISO 787 part/Teil 2

PRODUCT SPECIFICATION

	Masstone Paint		Tint 1:4 PVC	
DL*	+/- 0,8		+/- 0,5	
Da*	+/- 1,4		+/- 0,6	
Db*	-0,9 ... +1,0		+/- 0,6	
DE*	max. 1,5		max. 0,8	
Colour strength			+/- 5 %	

(In CIE Lab-units, tested according to Ferro test procedure AA 10/38 (Paint) and AA 10/33 (PVC) in comparison to standard quality. Illuminant D65, 10° SCI)

We confirm that all batches of SPP-1005 shipped will conform to the above Product Specification. Material may be shipped outside this specification only if agreed to by the customer.

Data or recommendations are based on laboratory preparation and/or testing samples; therefore they cannot be expected to fully duplicate commercial production or field performance. Final approval and acceptance should be based on appropriate production and service tests. Color chips are for reference only. Colors will appear differently in various formulations