SUDARSHAN

First choice for new formulations

Sudatherm™ Yellow 6406C

Pigment for Coatings

Product Description

Nickel Antimony Titanium, a yellow colored rutile pigment with excellent chemical, light and weather fastness for all coating applications. This pigment can be used alongwith organic pigmnets for chrome replacement.

Product Information

Chemical Type	(Ti,Ni,Sb)O2	**CAS NO.**	8007-18-9
C. I. Name	Pigment Yellow 53	**EINECS / ELINCS NO.**	232-353-3
C. I. Constitution No.	77788	**Physical Appearance**	Yellow Powder

Application Profile

Decorative Solvent Base Paints	●	Decorative Universal Stainers	––
Industrial Paints	●	Decorative Water Base Paints	●
Automotive OEM	○	Powder Coatings	●
Automotive Refinish	○	Coil Coatings	●

● Recommend | ○ Potential Use | -- Not recommended

Technical Performance

Heat Stability	Overspray Fastness		Full Shade
>500°C	5	Weather Resistance	5
		Light Fastness	8

Physical Properties

Oil Absorption	16 ± 10%	Bleeding in Xylene	5
Specific Gravity	3.26 ± 0.1	Bleeding in Methyl Ethyl Ketone	5
Bulk Density (g/ml)	0.70 ± 0.1	Bleeding in Ethyl Acetate	5
pH Value	6- 8	Bleeding in Cellosolve	5
Volatile Matter	1% max	Bleeding in Mineral Turpentine	5
Resistance to Acid	5		
Resistance to Alkali	5		

- ✓ **Light fastness:** Light fastness rating is assessed on 1 to 8 Blue Wool scale where 1 = 'Poor' and 8 = 'Excellent'.
- ✓ **Weather fastness:** Weather fastness rating is assessed on 1 to 5 Grey scale where 1 = 'Poor' and 5 = 'Excellent'.
- ✓ **Heat stability:** Heat stability values given indicate the maximum temperature at which the pigments can be stoved.
- ✓ **Oil absorption:** The oil absorption was determined on the basis of EN ISO 787-5 and given in linseed oil per 100 gm. pigment.
- ✓ **Solvent bleeding:** The bleeding in solvents was tested using the powder grades and the visual rating given on 1 to 5 Grey scale where **1** = 'Heavy bleeding' and **5** = 'No bleeding

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