



**GENERAL INFORMATION:**

1. IDENTITY	: Sodium Aluminium Sulpho Silicate
2. CAS NUMBER	: 57455-37-5 / 101357-30-6
3. COLOUR INDEX NUMBER	: Pigment Blue 29   C.I.No. 77007

**COLOUR PROPERTIES:**

(Blue reduced with five times its weight of Rutile Titanium Dioxide, drawn down and compared with its Batch Standard in CIE Lab Scale)

1. TINTING STRENGTH (%)	: 100 ± 5
2. COLOUR DIFFERENCE DE*	: 1.0 Unit Maximum
DL*	: ± 0.5 Unit
DA*	: ± 0.5 Unit
DB*	: ± 0.5 Unit

**OTHER PHYSICAL AND CHEMICAL PROPERTIES:**

1. APPEARANCE	: Blue Powder
2. APPARENT DENSITY (g/cc)	: 0.45 to 0.80
3. MOISTURE CONTENT AT 105°C (% BY WT.)	: 1.0 % Maximum
4. WATER SOLUBLE MATTER (% BY WT.)	: 2.0% Maximum
5. FREE SULPHUR	: 100 ppm Maximum
6. OIL ABSORPTION (% BY WT.)	: 34 to 37
7. MEDIAN PARTICLE DIAMETER	: 4.0 Microns Maximum
8. RESIDUE ON 45 MICRONS SIEVE (% BY WT.)	: 0.5 Maximum

**COLOUR FASTNESS PROPERTIES:**

1. HEAT STABILITY	: 350 °C for 5 Minutes
2. LIGHT (DAY LIGHT AND XENON LAMP)	
IN MASS TONE	: 7/8 on Wool scale
IN REDUCED TONE	: 7/8 on Wool scale
3. WEATHER FASTNESS	: 4/5 on Grey scale
4. IN ACIDS	: Poor
5. IN ALKALIS	: Good

**TOXICITY:**

Least toxic and a safe pigment for industrial applications. It is ecologically non-hazardous and does not create any skin irritation.

**USAGE IN COSMETICS:**

Conforms to various regulations in most of the countries in the world

**Note:**

*The information provided above is for general guidelines only and subject to change without notice. Ultramarine & Pigments Limited assumes no responsibility and users are advised to test the products for suitability prior to use on a commercial or production scale.*