



Technical Data Sheet

PRODUCT DESCRIPTION

Eximco™ Blue 7011H is a synthetic pigment that is largely used in paints and coatings, paper printing and as a corrective additive for the yellowish tinge in materials that should appear white. Ultramarine Blue Pigment is also used in cosmetics as an additive to black mascara.

General Information

Identity	Sodium Alumino Sulpho Silicate
CAS No.	57455-37-5
Color Index Number	Pigment Blue 29 : 77007

Color Properties

(Pigment reduced with five times its weight of Rutile Titanium Dioxide, drawn down and compared with its Batch Standard in CIELab Scale.)

1. Tinting Strength	(in %) : +/- 5.00
2. Color Difference	DE* : 1.00 Unit Max
	DL* : +/- 0.50 Unit
	DA* : +/- 0.80 Unit
	DB* : +/- 1.00 Unit

Specifications

Test	Unit	Specifications
Appearance	Visual	Blue Powder
Tap Density	g/cc	0.50 - 0.80
Specific Gravity	-	2.35 (Approximately)
Moisture Content at 105 °C	%	1.0 Max
Water Soluble Matter	%	1.0 Max
Free Sulphur	ppm by wt	200 Max
Oil Absorption	% By Wt	34.00 – 36.00
Median Particle Diameter	µm	2.00 Max
Residue On 45 Microns Sieve	% by Wt	Nil
Colour Fastness Properties		
Heat at 350 Deg. C In Air	-	Stable
Light (Day Light And Xenon Lamp) In Mass Tone	-	Very good
In reduced tone	-	7 / 8 on Woolscale
In acids	-	Poor
In alkalis	-	Good

Toxicity

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

Application

Thermoplastic Paints

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