



Technical Data Sheet

Ultramarine blue

Chemical Name: Ultramarine blue

CAS No.: 57455-37-5

Molecular Weight: 862.63

Molecular Formula: $\text{Na}_6\text{Al}_4\text{Si}_6\text{S}_4\text{O}_{20}$

Product Description

Ultramarine is a kind of inorganic pigment, no other combination of pigments could be found to create the same blue vibrancy.

ZXCHEM Ultramarine has various grades which meet a large variety of requirements.

Specifications

Product Name	Ultramarine blue	
Appearance	Blue Powder	
Ultramarine Content	97.0% min	
Tinting Strength (Compared with standard sample)	100 ± 5	
Color (Compared with standard sample)	L*	±0.3
	a*	±0.3
	b*	±0.3
	E*	±0.3
Average Particle Size (D50)	0.1~1.5µm	
Moisture	0.2% max	
pH	8~10	
Residue (325 mesh)	0.1% max	
Oil Absorption (g/100g)	25~45	
Free Sulfur	0.3% max	
Volatiles (105 ± 2 °C)	1.0% max	
Water Soluble	1.5% max	

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Applications

Pigment: Used in paints, inks, coatings, plastics, rubber, paper, leather, cosmetics, textile dyeing, art painting, etc.
Brightening Agent: neutralize yellow in white substance

Company Introduction

Zxchem's business strategy is focused on manufacturing as well as trading. In line with our goal to offer a comprehensive and full line of basic and specialty chemicals for various industries, our manufacturing facilities play an important role in the future development of Zxchem. Today, our company owns and operates four different plants which manufacture chemicals for use in various industries.

Sales Contact

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