TECHNICAL DATA SHEET

YIPIN® Ultramarine Pigment

Ultramarine Blue U08

Edition of	2024-01-19
Type	Blue Pigment
Delivery Form	Powder
Chemical Class	$Na_6Al_4Si_6S_4O_{20}$
Color Index	Pigment Blue29：77007
CAS No.	57455-37-5

COLOR VALUES AND TINTING STRENGTH

Reference — Standard: DIN 6174

	Min	Max	Test Method
Reduction with titanium dioxide (1:2)		R-706	No.038, 2009-08-01
△L*	-0.7	0.7	
△a*	-0.7	0.7	
△b*	-0.7	0.7	
△E*ab		1.0	
Relative tinting strength **[%]**	95	105	No.038, 2009-08-01

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	Min	Max	Test Method
Water-Soluble Content **[%]**		1.5	DIN ISO 787 Part 3
Sieve Residue（**0.045mm**）**[%]**		0.1	DIN 53195
PH Value	7.5	10	DIN ISO 787 Part 9
Free Sulfur **[%]**		0.15	DIN 55913
105℃Moisture (After Production) **[%]**		1.0	DIN ISO 787 Part 2
Oil Absorption **[g/100g]**	25.0	45.0	DIN ISO 787 Part 5

STANDARD PACKAGING

25kg/bag

TRANSPORT AND STORAGE

Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.

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SAFETY

The product is not classified as dangerous under the relevant EC directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to transport regulations. In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labeling and transport of dangerous substances must be ensured.
The information contained in the safety data sheet should be observed.
This contains information on handing, product safety and ecology.

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