

# TECHNICAL DATA SHEET

YIPIN<sup>®</sup> Ultramarine Pigment  
Ultramarine Blue U04



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<b>Edition of</b>	10-20-2010
<b>Type</b>	Blue Pigment
<b>Delivery Form</b>	Powder
<b>Chemical Class</b>	Na <sub>6</sub> Al <sub>4</sub> Si <sub>6</sub> S <sub>4</sub> O <sub>20</sub>
<b>Color Index</b>	Pigment Blue29: 77007
<b>CAS No.</b>	57455-37-5

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## COLOR VALUES AND TINTING STRENGTH

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Reference			Standard: DIN 6174
	<b>Min</b>	<b>Max</b>	<b>Test Method</b>
Reduction with titanium dioxide (1:2)		R-706	No.038, 2009-08-01
ΔL*	-0.7	0.7	
Δa*	-0.7	0.7	
Δb*	-0.7	0.7	
ΔE*ab		1.0	
Relative tinting strength [%]	95	105	No.038, 2009-08-01

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	<b>Min</b>	<b>Max</b>	<b>Test Method</b>
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 [%]		0.10	DIN 55913
105°C Moisture (After Production) [%]		1.0	DIN ISO 787 Part 2
Oil Absorption [g/100g]	25.0	45.0	DIN ISO 787 Part 5

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<b>STANDARD PACKAGING</b>	25kg/bag
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## 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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YIPIN PIGMENTS, INC. Tel: +1-909-243-7394 Fax: +1-909-243-7397  
一品颜料 Tel: +86-21-5950 3692 Fax: +86-21-5950 3692

www.yipin.com  
ngw@yipin.com

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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 handling, product safety and ecology.

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This information is given in good faith, without warranty. It is also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General conditions of sale and delivery.

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