

# TECHNICAL DATA SHEET

Ultramarine Pigment

Pigment Blue 463



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|-----------------------|--|
| <b>Edition of</b>     | 2016-12-16   |
| <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

Reference DIN 55986 (1981) Standard

Reduction with titanium dioxide (1:2) colour values after matching of the tinting strength parameter

|                               | Min  | Max  | Test Method |
|-------------------------------|------|------|-------------|
| $\Delta L^*$                  | -0.7 | +0.7 |             |
| $\Delta a^*$                  | -0.7 | +0.7 |             |
| $\Delta b^*$                  | -0.7 | +0.7 |             |
| $\Delta E^*_{ab}$             |      | 1.0  |             |
| Relative tinting strength [%] | 95   | 105  |             |

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## TECHNICAL DATA

|                                       | Min  | Max  | Test Method                  |
|---------------------------------------|------|------|------------------------------|
| Water-Soluble Content [%]             |      | 1.5  | DIN EN ISO787 Part 3 (1995)  |
| Sieve Residue (0.045mm) [%]           |      | 0.5  | DIN 53195 (1990)             |
| PH Value                              | 7.5  | 10   | DIN EN ISO787 Part 9 (1995)  |
| Free Sulfur [%]                       |      | 0.15 | DIN 55913 (1972)             |
| 105°C Moisture (After Production) [%] |      | 1.0  | DIN EN ISO 787 Part 2 (1995) |
| Oil Absorption [g/100g]               | 25.0 | 45.0 | DIN EN ISO787 Part 5 (1995)  |

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**STANDARD PACKAGING**

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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**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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