



# ULTRAMARINE BLUE DP-25

**PRODUCT CLASS:**PIGMENT

**PRODUCT NAME:**ULTRAMARINE BLUE DP-25

**SUPPLIER NAME:**FERRO (NUBIOLA)

*Description:* **COLOR INDEX: Pigment Blue 29 C.I. 77007**

Ultramarine Blue is an inorganic pigment. Chemically it is a sodium aluminum sulphosilicate. This pigment is the synthetic form of a mineral called Lazurite. Ultramarine Blue has got a clean and bright reddish blue shade. This makes Ultramarine Blue different to any other blue pigment on the market and due to this fact, very attractive. In addition to this very specific reddish blue shade, Ultramarine Blue is an excellent white corrector that neutralizes yellowish shades. This whitening effect is widely appreciated in many fields of application e.g. plastics, coatings, detergents.

*Value Added:*

- \* Do not represent a hazard for people or the environment
- \* Excellent heat resistance, light and weather resistance
- \* Excellent dispersibility
- \* Approved by the most demanding regulations (USA, Europe, Japan) for those uses in which safety is a must e.g. food packaging, toys
- \* Excellent cost-performance ratio
- \* Excellent alkali resistance; acid-resistant types can also be used in acid media

**PRODUCTS · PRODUCT RANGE · ULTRAMARINES · ULTRAMARINE BLUE DP25**

Range:	<b>Ultramarines</b>
Sub-range:	<b>Ultramarine Blue</b>
Color Index	<b>Pigment Blue 29/C.I. 77007 (Ultramarine Blue)</b>

Basic Chemical Composition	<b><math>\text{Na}_{8-x}[(\text{Al},\text{Si})_{12}\text{O}_{24}(\text{Sy})_2]</math></b>
Dispersibility (*)	<b>Excellent</b>
Hiding Power/Opacity (*)	<b>Poor</b>
Heat Fastness (*)	<b>350°C, 5 min</b>
Light Fastness (*)	<b>Excellent</b>
Weather Fastness (*)	<b>Acid resistant types - Very good</b>
	<b>Conventional types - Good</b>
Acid Fastness (*)	<b>Acid resistant types - Good</b>
	<b>Conventional types - Poor</b>
Alkali Fastness (*)	<b>Good</b>
Cement compatibility (*)	<b>Nubicem B series - Very good</b>
	<b>Conventional types - Poor</b>
Solvent Fastness (*)	<b>Excellent</b>
Metamerism (*)	<b>No</b>
Applications	<b>Food Contact Packaging / Toys / Cosmetics and Personal care products / General Packaging / Electric and Electronic Equipment / Textile / Automotive / Construction / Fertilizers / Plant Protection Products / Paper / Industrial applications / Artist Supply and Hobby preparations</b>

(\*) Values and qualifications are according to our test methods and own experience