



# TECHNICAL DATA SHEET

## 504 ULTRAMARINE BLUE

**COLOR INDEX NUMBER:** BLUE 29 CI 77007

**COLOR COMPOSITION:** Sulfured Sodium Aluminum Silicate.  
Typical formula  $(\text{Na}_2\text{O})_x (\text{SiO}_2)_y (\text{Al}_2\text{O}_3)_z$  Sw x, y, z, w  
vary according to the type of blue

**TOXICITY:** The 504 Ultramarine Blue is non-toxic and can be used for plastics, paints, inks, powder coatings and for the coloring of materials that enter in contact with foods.

**CHARACTERISTICS:**

Specific Gravity	2.35
Oil Absorption	38
Moisture Content (max)	1.0%
Residue 44 micron screen (max)	0.05%
Sulphur Content (max)	0.02%
Water Soluble Salts (max)	0.70%
Absolute Tinting Strength	180
Tinting Shade	Red Shade
Acid Fastness	Poor (1)
Alkali Fastness	Marginal (2)
Lightfastness	Excellent (8)
Heat Resistance (662° F – 5 min.)	Excellent (8)

**HANDLING:** It is recommended, in its industrial usage, to follow the normal procedures for handling non-toxic dusts.

11/19/03

### LANSCO COLORS

305 WEST GRAND AVE., MONTVALE, NJ 07645 201-307-5995 • FAX 201-307-5855

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