

27705 Color Concentrate Ultramarine Blue

Identification

Color Index Name:	Pigment Blue 29
Color Index No.:	77007
Chemical group:	Ultramarine Blue
Chemical description:	Silicic acid, Aluminium sodium salt, sulphurized
CAS No.:	57455-37-5 (TSCA) 101357-30-6 (EINECS)
EINECS:	309-928-3
MITI No.:	5-3310

Features

Color concentrate ultramarine blue is a high strength red shade aqueous dispersion. They exhibit high strength and wide compatibility in aqueous media. It is especially suited to the coloring of aqueous decorative paints but may also be used in a wide variety of water based applications.

- Dispersion at 50 % of ultramarine blue 54 in aqueous system
- Excellent fastness to light, alkalis and acids
- Production consistency (ISO 9001 quality system)
- Excellent chemical purity (satisfies toys / food contact regulations)
- Applications in the coloration of paper, ink, paint, etc.

Physical Properties

Mean particle size:	2.75 μm
Specific gravity:	2.30
Lightfastness (blue wool scale):	excellent (7 – 8)
Alkali fastness:	excellent
Acid fastness:	excellent
Heat resistance:	> 350°C

Specification

Parameter (test on the powder pigment):

Color (Reduced 1:4 in HIPS)	DE* max. 1.00
Color strength:	100 +/- 5 %
Free sulphur:	max. 0.03 %
Soluble salts:	max. 0.80 %
Sieve residue (on 45 μm):	max. 0.05 %

Parameter (test on the aqueous dispersion):

Solid content:	50 +/- 2 %
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Further information

Ultramarine blue is coated (SiO₂-Coating) to improve the stability.

Page 1 of 1