

# ULTRAMARINE BLUE - 32

07/2013



## Technical Data Sheet

### Features

- Unique bright blue shade
- Excellent fastness to heat, light & alkalis
- Production consistency (ISO9001 quality system)
- Excellent chemical purity (satisfies cosmetics / food contact regulations)
- Applications in plastics, cosmetics, coatings, etc.

### Identification

Chemical Description	Silicic acid, Aluminium sodium salt, sulphurised
Colour Index Number	Pigment Blue 29:77007
Chemical Abstract (CAS) Number	57455-37-5 / 101357-30-6
EINECS	309-928-3

### Specification

Parameter		Specification
Colour (Reduced 1:5 in oil)	DL*	max +/-0.30
	DH*	max +/-0.80
	DC*	max +/-0.80
	DE*	max 1.00
	Purity	
	Free sulphur	max 0.10%
	Soluble salts	max 1.00%
	Sieve residue (on 45µm)	max 0.15%
	Volatile matter (2H at 105°C)	max 1.00%

### Typical data

Mean particle size	2.43µm
Oil absorption	35.0%
Specific gravity	2.35

### Fastness

Light (blue wool scale)	excellent (7-8)
Heat	> 350°C
Alkalis	excellent
Acids	poor

### Particle Size Distribution

