



TECHNICAL DATA SHEET

IDENTITY

Name : PIGMOK-2902BLUE
CAS Nos. : 57455-37-5;
EINECS No. (Europe) : 3099283
MITI No. (Japan) : 1-22
SEPA (China) : FC020409 017
Recommended Application : Plastics, paints, more reddish etc.

DESCRIPTION

Ultramarine Blue 2902 is a medium tinting strength, very red shade Ultramarine blue. It is heatfast, lightfast, very easy to disperse and approved worldwide for use in sensitive application such as food contact plastics and cosmetics.

Ultramarine Blue 2902 is widely used alone to obtain a bright, transparent shade of blue, or in combination with other pigments such as titanium dioxide, with which it gives an attractive pastel shade. Its redness makes it especially useful in absorbing an unwanted yellow undertone to improve the shade of white or transparent articles.

Ultramarine Blue 2902 is intended as a industries. Ultramarine Blue 2902 can be used in plastic.

SPECIFICATION

Property		Maximum	Minimum
Color	DE	1.00	
1:4 reduction in high impact polystyrene	strength	105%	95%
Matter volatile at 105°C		1.00%	
Water soluble matter		0.70%	
Sieve residue (45um)		0.05%	
Free sulphur		0.05%	

TYPICAL DATA

Specific gravity : 2.35
Tap density (g/ m³) : 0.76
Oil absorption (%) : 32.5
Mean particle size (um) : 2.60
Cube for shipping (m³) : 1.64

FASTNESS PROPERTIES

Heat : Greater than 350°C
Light (xenon lamp and daylight)
Mass tone : Excellent; 7 to 8 (BS1006 blue wooscale)
Reduced shade : Excellent; 7 to 8 (BS1006 blue wooscale)



Acids : Poor
Alkalis : Good

HEALTH AND SAFETY

Ultramarine is one of the safest pigments available to industry.

Acute oral toxicity (LD 50 rats) : greater than 10g/kg
Skin irritation : non irritant, non sensitizing
Eye irritation : none
Ecology : non hazardous

STORAGE, STABILITY AND HANDLING

Shelf life: indefinite if stored under recommended conditions

Transport and storage : do not store near acids
Incompatible substances : acids
Hazardous decomposition products: hydrogen sulphide released by acid contact
Protective and special measures : none; avoid excessive dust
Action after spillage : clean quickly; avoid flushing large quantities.
Dispose according to local regulations

REGULATIONS

Conform to the following regulations or codes of practice.

Food Contact Plastics

EC : C.E Resolution AP(89)1
Approved under the French positive list (Circulaire 176 du 22.12.1959)
U.S.A : CFR 21, Part 178.3297

Cosmetics

EC : Directive 76/768/EEC and amendments
U.S.A : CFR 21, Part 73.2725

Toys

EC : European Standard EN71; Part3: 1994
U.S.A : Federal Register 42 (170) 44193-44201(1997)