



TECHNICAL SPECIFICATION OF BLUE 15:1

PRODUCT

Name - Phthalocyanine Blue XU

Chemical Class - Phthalocyanine

Chemical Type - Organic

Colour Index Name - Pigment Blue 15 :1

Colour Index Number - 74160

CAS Number - 147-14-8

Formula - C₃₂ H₁₆ CUN₈ (Mol wt. 576)

PHYSICAL PROPERTIES

Specific Gravity(20' C) -1.5

Oil Absorption - 37 cc

Sieve Residue (350 mesh) - 1 % max

Moisture Content - 1 % max

Water Soluble - 1 % max

PH OF Equeous Soln - 7

HEAT RESISTANCE

120 Centi. for 30 minutes - Stable

150 Centi. for 20 minutes - Stable

200 Centi. for 10 minutes - Stable

FASTNESS PROPERTIES : (1- 5 Scale : 1 Poor - 5 Excellent)

Water - 5

Linseed Oil - 5

Butanol - 5

Xylene - 5

Butyl Acetate - 5

Acetone - 5

Ethanol - 5

Methyl Ethyl Ketone - 5

Menaral Turpentine - 5

5% Soap Soln - 5

LIGHT FASTNESS : (1 - 8 Scale : 1 Very low - 8 Outstanding)

25% Shade - 8

10% Shade - 8

5% Shade - 8

APPLICATIONS

Paint, Printing ink, Plastics, Rubber, Soap, Textile Cement Colour etc.

HAZARDOUS INGREDIENTS

None

NOTES : This technical information is offered for guidance but without guarantee.