



TECHNICAL SPECIFICATION OF BLUE 1

PRODUCT

Product - Blue 1012

C.I. Name - Pigment Blue 1

C.I. No - 42595:2

CAS NO - 1325-87-7

Chemical Class - Miyoshi methane

Hue - Reddish shade blue pigment

PHYSICAL PROPERTIES

Oil Absorption - 45-55 /100gm

Ph - 6.5-7.5

Moisture Content - ≤ 1.5

Density (g/cm³) - 1.6

Water Soluble Matter (%) - ≤ 1.0

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

Acid Resistance - 3

Alkali Resistance - 5

Alcohol Resistance - 2

Ester Resistance - 3

Benzene Resistance - 3

Ketone Resistance - 3

Soap Resistance - 3

HEAT RESISTANCE

160°C/ 20min - Stable

LIGHT FASTNESS

4

APPLICATIONS

water based inks/offset inks.

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