

**B H A G W A T I**

i n d u s t r i e s



Pigment Powders & Emulsions, Naphthols

## **TECHNICAL SPECIFICATION OF YELLOW -17**

### PRODUCT

NAME - Pigment Yellow AOA

CHEMICAL INDEX NUMBER - 21105

CHEMICAL CLASS - Mono Azo Pigment without lake forming groups

COLOUR INDEX NAME - Pigment Yellow 17

CAS NUMBER - 4531-49-1

### PHYSICAL PROPERTIES

SPECIFIC GRAVITY (20°C) - 1.4

OIL ABSORPTION - 37 cc

SIEVE RESIDUE (200/250 MESH) - 1% Max.

MOISTURE CONTENT - 1% Max.

WATER SOLUBLE - 1% Max.

ph of 2% Extract - 6.8 + 0.3

## HEAT STABILITY (IN POINT)

110 C FOR 30 minutes - Stable

120 C FOR 20 minutes - Stable

150 C FOR 10 minutes - Stable

## FASTNESS PROPERTIES : (1-5 Scale; 1 poor – 5 Excellent)

Water - 5

Ethanol - 5

Butyl Acetate - 4

Mineral Turpentine - 4

Xylene - 3

N-Butanol - 4

Alkali - 5

D.O.P - 5

Acid - 5

Linseed Oil - 5

## LIGHT FASTNESS : (1-8 Scale; 1 very low – 8 outstanding)

Shade - 5-6

Shade - 1:10 TiO<sub>2</sub>

Shade - 3

## APPLICATIONS

Textiles Paints, Printing Ink, Plastics Rubber, Soap & Cement Colour.

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