

BHAGWATI

industries



Pigment Powders & Emulsions, Napthols

TECHNICAL SPECIFICATION OF Yellow -1 (Bhagwati Industries)

PRODUCT :

NAME - Pigment Yellow G

CHEMICAL INDEX NUMBER - 11680

CHEMICAL CLASS - Mono Azo Pigment without lake forming groups

COLOUR INDEX NAME - Pigment Yellow 1

CAS NUMBER - 2512-29-0

PHYSICAL PROPERTIES :

SPECIFIC GRAVITY (20°C) - 1.486

OIL ABSORPTION - 37 cc

SIEVE RESIDUE (350 MESH) - 1% Max

HEAT STABILITY (IN PAINT) - 140.C

MOISTURE CONTENT - 1% Max.

WATER SOLUBLE - 1% Max.

ph of 2% Extract - 7.

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

Water - 5

Ethanol - 3

Butyl Acetate - 2-3

Mineral Turpentine - 3-4

Methyl Ethylketone - 2-3

Butanol - 3

Acetone - 3

Xylene - 4-5

Soap - 3-4

Linseed Oil - 4-5

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

25% Shade - 6-7

10% Shade - 5-6

5 % Shade - 5

DISPERSION TECHNIQUES :

Following equipment can be used for pre-mixing and grinding operations : Ball & Pebble Mills High Speed Disc Impellers Three Roll Mills Heavy Duty Mixers

APPLICATIONS :

Pigments is Suitable for the following Ink Systems : Letter Press Inks, Offset Inks, Textile, Paints, Flexo Inks, Silk Screen Inks etc.

HAZARDOUS INGREDIENTS:

None

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