

# MAHAVIR INDUSTRIES

(Since 1979)  
(Manufacturer & Exporter of Dyestuff & Organic Pigments)

## SPECIFICATION OF MAHASOL YELLOW 4016

PRODUCT DESCRIPTION	
C.I. Name	Solvent Yellow 16
C.I. No.	12700
CAS Registry No.	4314-14-1
EU No.	224-330-1
Melting Point (°C)	160°C
Chemical Formula	C <sub>16</sub> H <sub>14</sub> N <sub>4</sub> O
Density (g/cm <sup>3</sup> )	0.37

APPLICATION (● - Superior ○ - Applicable X - Not Recommend)	
PS	○
HIPS	●
ABS	●
PC	●
RPVC	●
PMMA	●
AS	●
PET	X
PA6	X

Solubility at 20°C(g/l)	
Acetone	17.3
Butyl Acetate	28.5
Methylbenzene	68.2
Dichloromethane	217.8
Ethylalcohol	4

MASS TONE	TINT TONE

STANDARD PACKAGING	
25 Kgs / 20 Kgs / 10 Kgs	Paper Bags / HDPE Bags
25 Kgs / 20 Kgs	Fiber Drum / Plastic Drum
Big Bags type	On Request

### Description:

**Solvent Yellow 4016** is a Yellow Shade Yellow Solvent Dye, used for coloring a wide variety of plastics. They are normally used via masterbatches and add into fiber, film and other plastic products.

### Light Fastness: 6-7

Consist of 1st to 8th grade, and the 8th grade is superior, the 1st grade is bad.

The heat resistance in PS can reach to 270°C

Degree of Pigmentation: 0.05% Dyes+0.1% Titanium Dioxide

Our product specific end application information are based upon our current knowledge. They are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that the customer test the product in the specific intended application under conditions expected during use.