



REACH Status : Pre Registered

Product Description

CI Generic Name	Pigment Yellow 1	SI Product Code	SO-IN 1005
CI No.	11 680	CAS No.	2512 - 29 - 0
EINECS No.	219-730-8	Chemical Type	Monoazo Yellow
Molecular Formula	C17H16N4O4	Molecular Weight	340.33334
Chemical Name: 2-[(4-methyl-2-nitrophenyl)azo]-3-oxo-N-phenylbutyramide			

Physical Properties

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	50 - 70
Bulk Density(gm/ml)	20 - 35
Salt Content (%) Max.	1
Moisture Content (%) Max.	1

Mass Tone : 5%



Tint Tone : 1:9 Ratio



Fastness properties

Heat °C	< 140 °C
Light Mass Tone	6
Light Tint Tone	6-7

Solvent Fastness properties

Water	5
Acid	5
Alkali	5
Ethanol	4
MEK	3-4
Mineral Spirit	4

Application

NC alcohol	Recommended
Water based / Polyamide / UV curing (Flexo)	Highly recommended
Polyvinyl butyral / NC acetate	limited suitability
Sheetfed	Highly recommended
UV curing (Offset)	Highly recommended
Silkscreen	Recommended

Specification

Coloristic properties	Strength : ± 5 %
Coloristic properties	DA, DB, DE, DC, DH, DL: ± 1
Light fastness : Scale 1- 8	1-Poor & 8 - Excellent
Weather fastness : Scale 1- 5	1-Poor & 5 - Excellent
Solvent Fastness: Scale 1- 5	1-Poor & 5 - Excellent

The colors above have been generated electronically and should therefore not be used for comparison purposes. The colors are meant to give a first impression of the colorant shade.

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