

Technical Data Sheet

HP YELLOW 1619

C.I.NO. PY154

Product Description

HP YELLOW 1619 affords a somewhat greenish yellow shade of very high lightfastness and weatherfastness. IT is completely or at least almost completely resistant to the major organic solvents. The list includes alcohols, esters, such as butylacetate, aliphatic and aromatic hydrocarbons, such as mineral spirits or xylene, and dibutyl phthalate. It is mmainly used in paints industries. some times in plastics and inks industries.

Application Recommended

Coatings	
Decorative Solvent Base Paints	Y
Industrial Paints	Y
Automotive OEM	Y
Automotive Refinish	Y
Decorative Universal Stainers	Y
Decorative Water Base Paints	Y
Powder Coatings	Y

Plastics

Polyolefins	N
Polystyrene	N
PVC & PVC Leather Cloth	O
EVA	N
ABS	N
Spun Fiber - PP	N
Spun Fiber - Nylon	N
Spun Fiber - PET	N

Recommend : Y Not recommended: N Suitable: O

Printing Inks

Sheetfed Ink	O
Silkscreen Ink	O
Metal Decorative Ink	O
Polyamide Base Ink	O
NCPU Ink	O
Vinyl Ink	O
Water Base Ink	O
CLPP Base Ink	O
PU Ink	O
NCPA Ink	O

Inkjet inks

Water Based Inkjet Ink	N
Electrophotographic Toners	N
Solvent Based Inkjet Ink	N
UV Curable Inkjet Ink	N

Product Information

Chemical Type	Benzimidazolone
C. I. Name	Pigment Yellow 154
C. I. Constitution No.	11781

CAS NO.	68134-22-5
EINECS / ELINCS NO.	268-734-6
Chemical Formula:	C18H14F3N5O3

Technical Performance

	Full Shade	Tint		
Weather Resistance	5	5	Heat Stability °C	250°C
Light Fastness	8	8		

Physical Properties

Physical Form	Powder	Resistance to Acid	5
Specific Density (g/cm3):	1.55 ± 0.1	Resistance to Alkali	5
Specific Surface(m ² /g):	25		
Oil Absorption	54		
pH Value	6.5 ~8.5		
Volatile Matter	1% max		

Packaging information

25kgs/bag 400kgs/Pallet

Storage Information

Should be stored in cool, dry and ventilate place.

Shelf Life: 5 years

TRANSPORTATION:

Avoid inversion, sunlight, moisture and crash. Avoid damage the package.

✓ **Light fastness:** Light fastness rating is assessed on 1 to 8 Blue Wool scale where 1 = 'Poor' and 8 = 'Excellent'.
✓ **Heat Stability :** Heat stability values given indicate the maximum temperature at which the pigment can be stored for 10 min. on the full shade and in reductions without undergoing any significant change in shade.
✓ **Oil absorption:** The oil absorption is determined on the basis of EN ISO 787-5 and given in g linseed oil per 100 gm. pigment.
✓ **Solvent bleeding:** The bleeding in solvents is tested using the powder grades and the visual rating given on 1 to 5 Grey scale where 1 = 'Heavy bleeding' and 5 = 'No bleeding'
Disclaimer – The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Due to the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed. Note: The above information is provided as guidelines for your reference only. The accurate effects should base on the test results in laboratory.

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Issue No. : FEB 2024