



Technical Data Sheet

Date: 01.06.2025

Revision : 06

Product Description

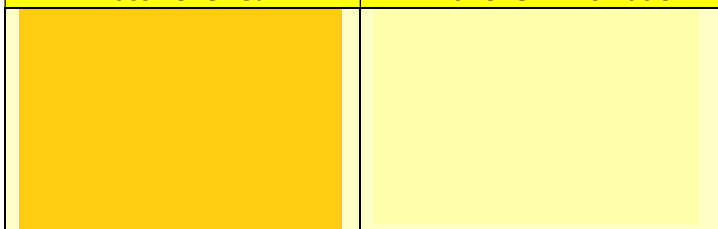
C.I Generic Name	Pigment Yellow 191	NPPL Product Code	Navfast Yellow 9010
C.I No.	18795:1	CAS No.	154946-66-4
EINECS No.	604-984-8	Chemical Type	Monoazo lake (ca)
Molecular Formula	C17H15ClN4O7S2	Molecular Weight	525 g
Chemical Name: Benzenesulfonic acid, 4-chloro-2-[2-[4,5-dihydro-3-methyl-5-oxo-1-(3-sulfophenyl)-1H-pyrazol-4-yl] diazenyl]-5-methyl-, ammonium salt(1:2)			

Physical Properties

Sieve Residue (PPM) Max.	500
Oil Absorption (%)	50-65
Bulk Density (gms/cc)	0.25 -0.40
Water Soluble Matter (%)	<1
Moisture Content (%) Max.	1
Conductivity μ S/CM (max)	500
PH Value	5.5 – 8.5

Mass Tone : 5%

Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	Mass Tone	250° C
Light	Mass Tone	7
Light	Tint Tone	6
Migration		5

Application

Water Based	•
Air Drying Enamel	•
Powder Coating	•
•	Suitable
o	Limited Suitability

Specification

Coloristic properties - Tint	Strength : $\pm$ 5 %
Coloristic properties - Tint	DA,DB,DE,DC,DH,DL: $\pm$ 1
Light fastness : Scale 1- 8	1~Poor & 8 ~ Excellent
Weather fastness : Scale 1- 5	1~Poor & 5 ~ Excellent
Overspray : Scale 1- 5	1~Poor & 5 ~ Excellent
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
Heat Stability °C	DE</=3 at Maximum Temp.

Note: 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.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our Product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

ISO 9001 : 2015



ISO 14001 : 2015



NAVAPD PIGMENTS PVT. LTD.

A Govt. Of India Recognized Star Export House

Regd. Office & Factory: 1196/1/A & B, Ghumasan Patia Road,
 Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India

T: +91-982-503-1388 / +91-2764-278338

e: exports@navpaapigments.com w: www.navpaapigments.com