



Technical Data Sheet

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Revision : 06

Product Description

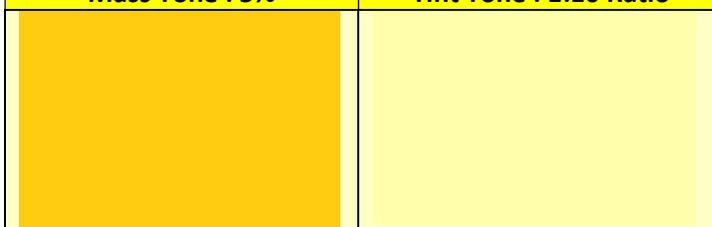
C.I Generic Name	Pigment Yellow 191	NPPL Product Code	Navfast Yellow 9010
C.I No.	18795:1	CAS No.	154946-66-4
EINECS No.	604-984-8	Chemical Type	Monoazo lake (ca)
Molecular Formula	C17H15ClN4O7S2	Molecular Weight	525 g
Chemical Name: Benzenesulfonic acid, 4-chloro-2-[2-[4,5-dihydro-3-methyl-5-oxo-1-(3-sulfophenyl)-1H-pyrazol-4-yl] 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	300°C
Light	Mass Tone	7
Light	Tint Tone	6
Migration		5

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 \leq /=3 at Maximum Temp.

Application

PP/HDPE/LDPE	•
Engineering Polymers	•
PVC	•
Rubber/Fiber	•
•	Suitable
o	Limited Suitability

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.

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