



## Technical Data Sheet

Date: 01.06.2025

Revision : 06

### Product Description

C.I Generic Name	Pigment Yellow 74 (5GX)	NPPL Product Code	Navfast Yellow 9032
C.I No.	11741	CAS No.	6358-31-2
EINECS No.	228-768-4	Chemical Type	Monoazo
Molecular Formula	C18H18N4O6	Molecular Weight	386.36
Chemical Name: 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide			

### Physical Properties

Sieve Residue (PPM) Max.	500
Oil Absorption (%)	45-55
Bulk Density (gms/cc)	0.50 -0.90
Water Soluble Matter (%)	<1
Moisture Content (%) Max.	1
Conductivity $\mu$ S/CM (max)	500
PH Value	3.0 – 5.0

### Mass Tone : 5%



### Tint Tone : 1:9 Ratio



### Fastness properties

Heat °C	180
Light Mass Tone	7
Light Reduction	5-6
Mineral Spirit	5
Ethyl Alcohol	4
Migration	5

### Solvent Fastness properties

Water	5
Ethanol	5
Ethyl Acetate	4
MEK	3
Acid (5% Hcl)	4-5
Alkali (5% NaOH)	4-5

### Application

Sheetfed	Nitro Cellulose
Air Drying Enamel	Polyamide
Water Based	NC/PA
Vinyl	NC/PU
Textile Printing	Powder Coating

### 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
Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent

**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



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