



Technical Data Sheet

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Product Description

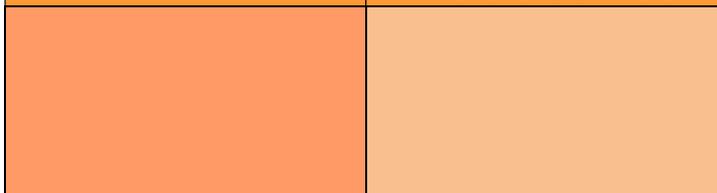
C.I Generic Name	Pigment Orange 5	NPPL Product Code	Navfast Orange 9037
C.I No.	12075	CAS No.	3468-63-1
EINECS No.	222-530-3	Chemical Type	MonoAzo
Molecular Formula	C16H10N4O5	Molecular Weight	338.274

Physical Properties

Sieve Residue (PPM) Max.	500
Oil Absorption (%)	45-55
Bulk Density (gms/cc)	0.30 -0.45
Water Soluble Matter (%)	<1
Moisture Content (%) Max.	1
Conductivity μ S/CM (max)	500
PH Value	6.0 – 9.0

Mass Tone : 5%

Tint Tone : 1:10 Ratio



Fastness properties

Heat °C	180	
Light	Mass Tone	7
Light	Tint Tone	6
Weather	Mass Tone	3
Weather	Tint Tone	2
Migration		4

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
Migration: Scale 1- 5	1~Poor & 5 ~ Excellent
Heat Stability °C	DE \leq 3 at Maximum

Application

Sheetfed	Water Based
Heatset	Air Drying Enamel
Coldset	Publication
Vinyl	NC/PU
Nitro Collulose (NC)	NC/PA
Polyamide (PA)	

Note: The color 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.



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