

	<b>RAMDEV CHEMICAL INDUSTRIES</b> <b>Ankleshwar/Dahej(SEZ),Gujarat, India</b>	<b>DOC ID: RCI/QC/SPC/011</b> <b>Rev. No: 00</b>
	<b>Document Title: Specification</b> <b>Ramafast Blue NP004</b>	<b>Issued Date: 01.04.2018</b>

**Pigment Blue 15:4**

**Application :**

**C.I. Number : 74160**

**PROPERTIES**

Properties	Spec limit	Test Method
Powder Appearance	Blue Color Pigment	
Specific Gravity (25°C)	1.5 – 1.6	RCI/QC/WI/027
Moisture Contents	< 1 %	RCI/QC/WI/017
Conductivity	800 $\mu$ s	RCI/QC/WI/020
Water solubility	1 % Max.	RCI/QC/WI/022
Oil Absorption	25 to 35 cc / 100 gm of Pigment	RCI/QC/WI/018
Sieve Residue (350 Mesh)	1000 PPM max.	RCI/QC/WI/021
pH Of 10 % Aqueous Extract	5.0-7.0	RCI/QC/WI/020
Bulk Density (gm/cc)	0.50 to 0.70 gm/cc	RCI/QC/WI/015
Shelf Life	5 Years	

FASTNESS PROPERTIES (1-5) Scale 1 Poor – 5 Excellent		RCI/QC/WI/028
Water	: 5	
Xylene	: 5	
Ethanol	: 5	
Mineral Turpentine Oils	: 5	
Methyl Ethyl Ketone	: 5	
Acid	: 5	
Alkali	: 5	

**Application Specific tests Colour shade and Strength Specification (CIE- LAB)**

Tests	Specifications
Full Shade DE	DE $\leq$ 1
Full Shade DH	$\pm$ 0.8
Full Shade DL	$\pm$ 0.8
Full Shade Da	$\pm$ 0.8
Full Shade Db	$\pm$ 0.8
Full Shade DC	$\pm$ 0.8

Tinting Strength (Standard as 100%)	100 $\pm$ 5
Tinting Shade	DE $\leq$ 1
Tinting Shade DH	$\pm$ 0.8
Tinting Shade DL	$\pm$ 0.8
Tinting Shade Da	$\pm$ 0.8
Tinting Shade Db	$\pm$ 0.8
Tinting Shade DC	$\pm$ 0.8

<b>STORAGE</b>	<b>STORE AT ROOM TEMPRATURE AND AVOID HUMIDITY.STOCK ON PET PROOF PALLET</b>
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Prepared By: QC in charge			Approved By: Q.C. Head
Signature			Signature