



QCFAST SERIES Pigment Blue 15:3

Technical Data Sheet

Standardized as on: 1/4/23

Product Details:

C.I Generic Name	PIGMENT BLUE 15:3	Brand Name / Code	QCFAST Series
C.I No.	74160	CAS No.	147-14-8
EINECS No.	205-685-1	Chemical Type	Phthalocyanine Blue
Molecular Formula	C32H16CuN8	Molecular Weight	576
Chemical Name	Chemical Name: Copper,[29H-phthalocyanineato(2-)-N29,N30,N31,N32]-,(SP-4-1)-		

Physical Properties:		Fastness:	
Physical Appearance (Tone) *	Mass Tone (5%)	Heat Stability °C (Mass/Tint)	200 °C / 5 Min
	Tint Tone (1:9)	Light Fastness (Mass)	8
Sieve Residue (PPM) Max.	1000	Light fastness (Tint)	8
Oil Absorption (gms)	45-60	Weather fastness (Mass/Tint)	-
Bulk Density (gms/cc)	0.25 -0.40	Solvent Fastness	
Salt Content (%) Max.	1	Water	5
Moisture Content (%)	1	Ethanol	5
Conductivity μS/CM (max)	500	Ethyl Acetate	5
PH Value	6.0 – 9.0	MEK	5
Applications:		Acid	5
Vinyl Ink	•	Alkali	5
Publication Ink	•		
NC / Poly Amide Ink	•	Scaling of Fastness Values	
NC / PU Ink	•	Light fastness: Scale 1- 8	1~Poor & 8 ~ Excellent
CLPP Ink / WB Ink	•	Weather fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
Sign Variants for Applications:		Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
• Recommended	○ Applicable with Limited Suitability	Heat Stability °C	DE</=3 at Maximum Temp.

Compliance / Accreditation / Certification:



*Tone: The colours above have been generated electronically and should therefore not be used for comparison purposes. The colours are meant to give a first impression of the colorant shade.

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