



QCFAST SERIES Pigment Blue 15:1

Technical Data Sheet

Standardized as on: 1/4/23

Product Details:

C.I Generic Name	PIGMENT BLUE 15:1	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)	300 °C / 5Min
	Tint Tone (1:9)	Light Fastness (Mass)	8
Sieve Residue (PPM) Max.	500	Light fastness (Tint)	8
Oil Absorption (gms)	45-55	Weather fastness (Mass/Tint)	5
Bulk Density (gms/cc)	0.20 -0.35	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
Polymeric Material	•	Alkali	5
PP / HDPE / LDPE	•	Scaling of Fastness Values	
Engineering Polymers	•	Light fastness: Scale 1- 8	1~Poor & 8 ~ Excellent
PVC	•	Weather fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
Rubber / Fiber	•	Solvent Fastness: Scale 1- 5	1~Poor & 5 ~ Excellent
Ethyl Vinyl Acetate (EVA)	•	Heat Stability °C	DE</=3 at Maximum Temp.
Sign Variants for Applications:			
• Recommended	○ Applicable with limited suitability		

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.

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.