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**Pigment Blue 15:1** is a most red shade PB 15:1, similar to PB 15; it has very high color strength and low haze.

C.I.Pigment Blue 15:1 is stable  $\alpha$  form Copper Phthalocyanine Blue, it is a transparent and low tinting strength,

good solvent resistance, good light and weather resistance

P.B.15:1 is the standard blue color for plastics,

PB 15:1 shows poor dispersivity and not suitable for plastic film usage.

Pigment Blue 15:1 shows series wrapping in HDPE

### Chemistry

Synonym name: C.I.Pigment Blue 15:1, P.B.15:1, PB 15:1, C.I.74160, Phthalo Blue 15:1, Phthalocyanine Blue BS

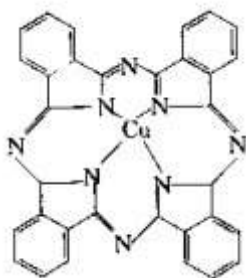
CAS Number: 147-14-8

EU Number: 205-685-1

Chemical Family: Cu-Phthaloblue,  $\alpha$ -Mod

Chemical Structure

### Application Data



Heat Resistance In HDPE

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The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



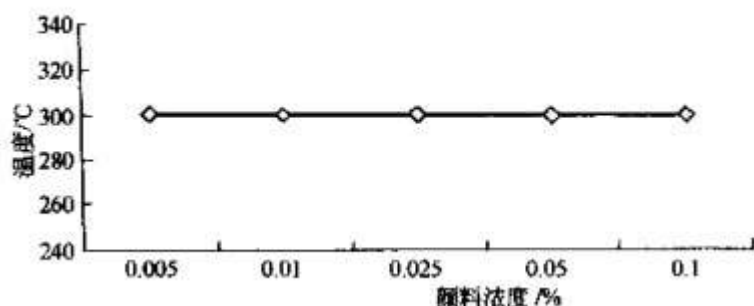
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在 HDPE 中的耐温性



HDPE	Heat resistance	280
	Fastness to migration	5/nt
	Light Fastness FS/WR	8/8
	Weather Fastness FS/WR	5/5
	Warpage in HDPE	high
PVC	Fastness to migration	4/nt
	Light Fastness FS/WR	8/8
	Weather Fastness FS/WR	5/4
Application	Polyolefins (PP/HDPE/LDPE/LLDPE)	●
	PVC	●
	PUR	●
	Engineering	○
	Styrenics	●
	Elastomer&Rubber	●
	Fiber (PE/PP/PA)	●

●Suitable, ○ Limited suitability, – Not suitable, nt-Not tested \*Specific information available on request

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