



Dongguan Baoxu Chemical Technology, Ltd.

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Pigment Yellow 110 is an industry standard red shade yellow pigment with excellent heat and weather resistance. suitable for all indoor and outdoor usage.

P.Y.110 is a FDA organic pigment yellow and one of the most light fast and weather fast organic yellow pigments known. Its overall fastness properties is considered as the best among all reddish yellow pigments.

P.Y.110 shows average tint strength. Between 1.4 and 1.9% pigment is needed to formulate 1/3 SD colorations with 5% TiO₂, depending on the type.

P.Y.110 has serious shrinkage effect when using in HDPE, it is very sensitive to due to its crystal needle shape.

Chemistry

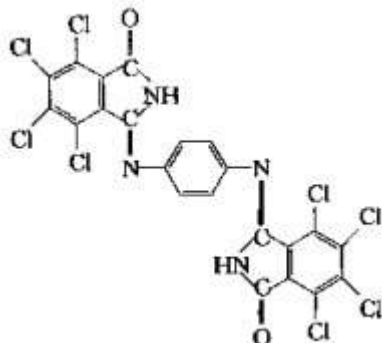
Synonym name: Pigment Yellow 2RLT, C.I. Pigment Yellow 110, P.Y.110, PY 110, C.I.56280

CAS Number: 5590-18-1

EU Number: 226-999-5

Chemical Family: Isoindolinone

Chemical Structure



Application Data

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 suitability 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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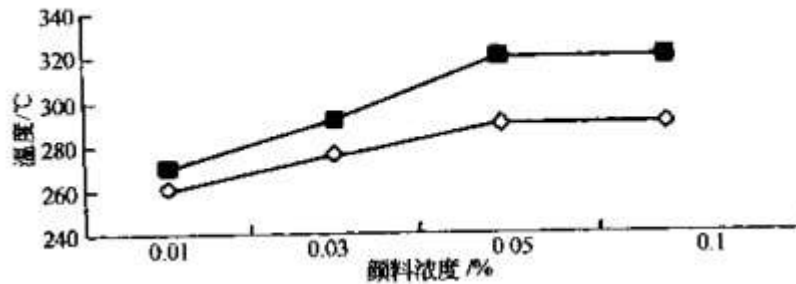
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Heat Resistance In HDPE(Dark-1% Tio2, Light-Without Tio2)

在 HDPE 中的耐温性



HDPE	Heat resistance	280
	Fastness to migration	5/nt
	Light Fastness FS/WR	7/7
	Weather Fastness FS/WR	4/4
	Warpage in HDPE	high
PVC	Fastness to migration	5/nt
	Light Fastness FS/WR	8/8
	Weather Fastness FS/WR	4/4
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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