



Dongguan Baoxu Chemical Technology, Ltd.

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Pigment Yellow 14 is a semi-opaque mid green shade pigment yellow, an economical choice, it's processing temperature should below 180°C, suitable for indoor usage.

Application of P.Y.14 in plastics varies according to the region. It is more important in the USA, Japan and China where it is used in polyolefins than in other countries.

P.Y.14 is also used for spin dyeing viscose rayon and viscose cellulose, and it is an especially important product for the mass coloration of viscose sponges.

When P.Y.14 is worked into plasticized PVC and polyolefins, there is a certain concentration threshold beyond which the pigment will bloom.

Chemistry

Synonym name: Permanent Yellow 2GS, Fast Yellow 2GS, C.I. Pigment Yellow 14, P.Y.14, PY 14, C.I.21095

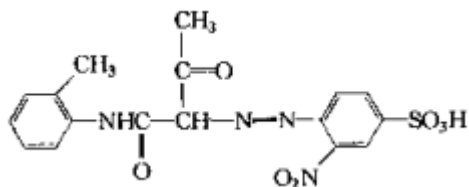
Chemical Family: Disazo Diarylike

CAS Number: 5468-75-7

EU Number: 226-789-3

Molecular Formula: C₃₄H₃₀Cl₂N₆O₄

Chemical Structure



Application Data

Heat Resistance in HDPE (Dark-1% TiO₂, Light-Without TiO₂)

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.

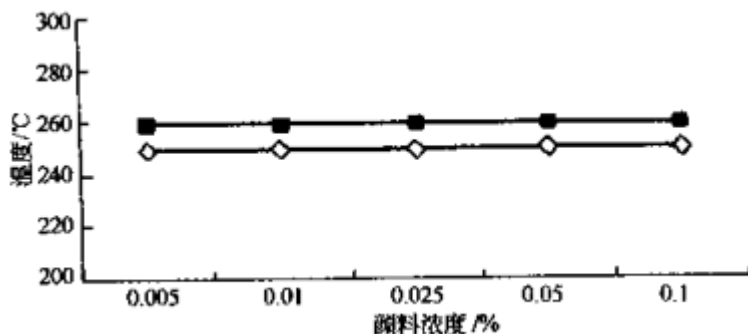


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HDPE	Heat resistance	180°C
	Fastness to migration	4/ant
	Light Fastness FS/WR	5/6
	Weather Fastness FS/WR	nt
	Warpage in HDPE	nt
PVC	Fastness to migration	nt
	Light Fastness FS/WR	6/5
	Weather Fastness FS/WR	nt
Application	Polyolefins (PP/HDPE/LDPE/LLDPE)	○
	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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