



Dongguan Baoxu Chemical Technology, Ltd.

P: +86-0769-22821082 Fax: 0769-22821083

Email: info@additivesforpolymer.com Web: www.additivesforpolymer.com

Room 1118 Caijin Business Building Nancheng District Guangdong China

Pigment Yellow 139 is a transparent red shade yellow pigment, recommended for films and PP fibers application, there are two PY 139, which 2R is Comparable With BASF K1841, which 3R is Comparable With BASF 2140

P.Y.139 is halogen free and cost effective, could mix together with Inorganic to replace chrome yellow, and replace pigment yellow 83 of benzidine structure,

P.Y.139 shows average tinctorial strength in plastics. Approximately 1% pigment is required to produce 1/3 SD samples in plasticized PVC containing 5% TiO₂

C.I. Pigment Yellow 139 could color becomes duller at higher temperatures than 250°C, which is a result of pigment decomposition.

P.Y.139 is bleed resistant in plasticized PVC.

Chemistry

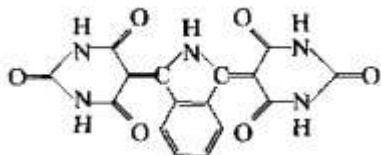
Synonym name: C.I. Pigment Yellow 139, P.Y.139, PY 139, C.I.56298

CAS Number: 36888-99-0

EU Number: 253-256-2

Chemical Family: Isoindolinone

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.



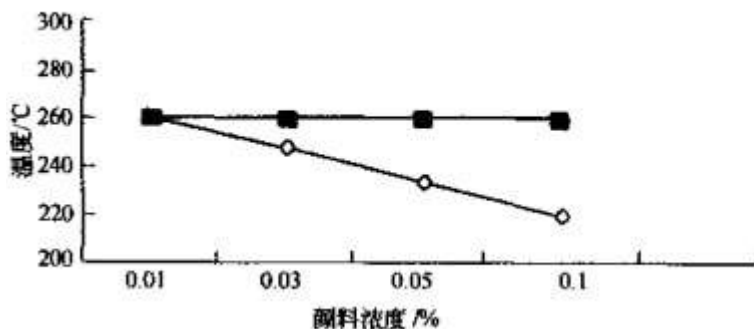
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在 HDPE 中的耐温性



HDPE	Heat resistance	250
	Fastness to migration	3/nt
	Light Fastness FS/WR	7/7
	Weather Fastness FS/WR	3/ nt
	Warpage in HDPE	low
PVC	Fastness to migration	4/nt
	Light Fastness FS/WR	7/7
	Weather Fastness FS/WR	3/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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