



Dongguan Baoxu Chemical Technology, Ltd.

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Pigment yellow 181 is a reddish yellow pigment with excellent light fastness and heat resistance. all around applications, Comparable with Clariant Yellow H3R

C.I. Pigment Yellow 181 is halogen free and comply with FDA

P.Y. 181 has excellent light resistance and no migrate in plasticized PVC. It does not affect the shrinkage of the partially crystalline polymer

P.Y. 181 is heat stable up to 300°C and very light fast. 1/3 SD HDPE samples (1% TiO₂)

PY 181 also frequently colors spin dyed viscose rayon and viscose cellulose and ideal for automobile interiors

Chemistry

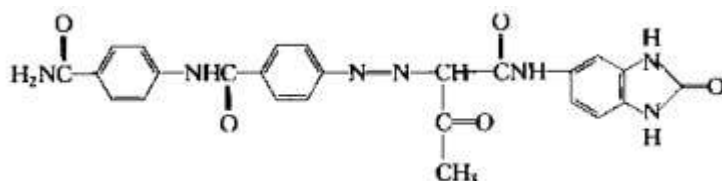
Synonym name: Fast Yellow H3R, C.I. Pigment Yellow 181, P.Y. 181, PY 181, C.I. 11777

CAS Number: 77804-81-0

EU Number: 227-873-1

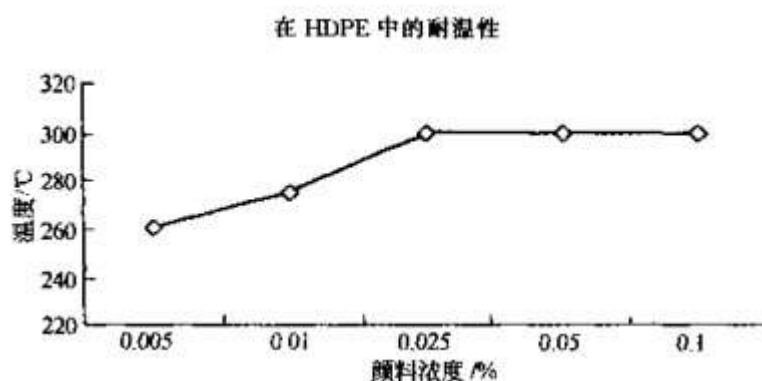
Chemical Family: Benzimidazolone

Chemical Structure



Application Data

Heat Resistance In HDPE



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	300
	Fastness to migration	nt
	Light Fastness FS/WR	8/8
	Weather Fastness FS/WR	4/ nt
	Warpage in HDPE	Low
PVC	Fastness to migration	nt
	Light Fastness FS/WR	7/7
	Weather Fastness FS/WR	4/ nt
Application	Polyolefins (PP/HDPE/LDPE/LLDPE)	●
	PVC	●
	PUR	○
	Engineerings	○
	Styrenics	○
	Elastomer&Rubber	●
	Fiber (PE/PP/PA)	-

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

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