

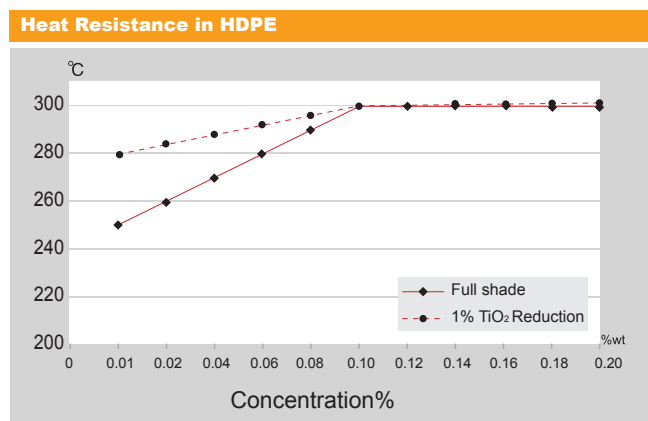
"A highly weather resistant and saturated reddish yellow"

Cinilex® Yellow SY1H is the most weather resistant, red shade organic yellow pigment available for the coloration of PVC, Polyolefin and Styrenic exterior applications. It maintains its outstanding performance in highly reduced shades with Titanium Dioxide or other inorganic pigments.

C. I. Name	Pigment Yellow 110
C. I. No.	56280
CAS No.	5590-18-1
Chemical Class	Isoindolinone

Physical Data	
Density (g/cm ³)	1.79
Specific surface (m ² /g)	28.6
DOP absorption (g/100g)	45.6
Hydrochloric acid resistance	5
Sodium hydroxide resistance	5

Regulatory Compliance	
FDA	√
APME AP 89/1	√
CONEG, EC 94/62	√
EN 1122	√
EPA 3050B	√
EN 71-3, 1994	√
JOHSPA	√
JHPA	√
GB9685-2008	√



Full shade in PP (0.1%)



1/3 ISD in PP (0.41%+1% TiO₂)

Fastness Properties				
		Light	WOM 1000hrs	Migration
PVC	0.1%	8	5	5
	1/3 ISD	8	4-5	5

Applications	
PVC	●
LDPE	●
HDPE/PP/PP Fibre	●
PS	●
PUR	●
ABS	●
PA-6 / PA fibers	—
PA-66	—
PC	—
PET/PBT	—
POM	●
Rubber	●

- recommended
- limited suitability
- not recommended

CINIC® and Cinilex® are CINIC Chemicals (Shanghai) Co., Ltd registered trademarks

Our product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as a guarantee. The users must establish the suitability of individual products itself because their use lies beyond our knowledge and control. We cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.

Headquarters

CINIC CHEMICALS (SHANGHAI) CO., LTD.
 1730 Huilian Road, Qingpu Industrial Park,
 Shanghai 201707, P.R.China
 Tel: +86 21 5240 0178 Fax: +86 21 5240 0136
 E-mail: sales@cinic.com

EUROPE

CINIC CHEMICALS EUROPE Sarl
 9, Croisée des Lys
 68300 Saint-Louis, France
 Tel: +33 (0) 3 8989 4476 Fax: +33 (0) 3 8989 4493
 E-mail: sales@ciniceurope.com

AMERICA

CINIC CHEMICALS AMERICA, LLC
 651 Holiday Drive, Foster Plaza 5, Suite 300
 Pittsburgh, PA 15220, USA
 Tel: +1 412 928 3228 Fax: +1 412 202 0839
 E-mail: sales@cinicamerica.com