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ASIA
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 3 8989 4476 Fax: +33 3 8989 4493
E-mail: sales@ciniceurope.com

AMERICA
CINIC CHEMICALS AMERICA, LLC
681 Andersen Drive, Suite 235
Pittsburgh, PA 15220, USA
Tel: +1 412 458 5569 Fax: +1 412 202 0839
E-mail: sales@cinicamerica.com

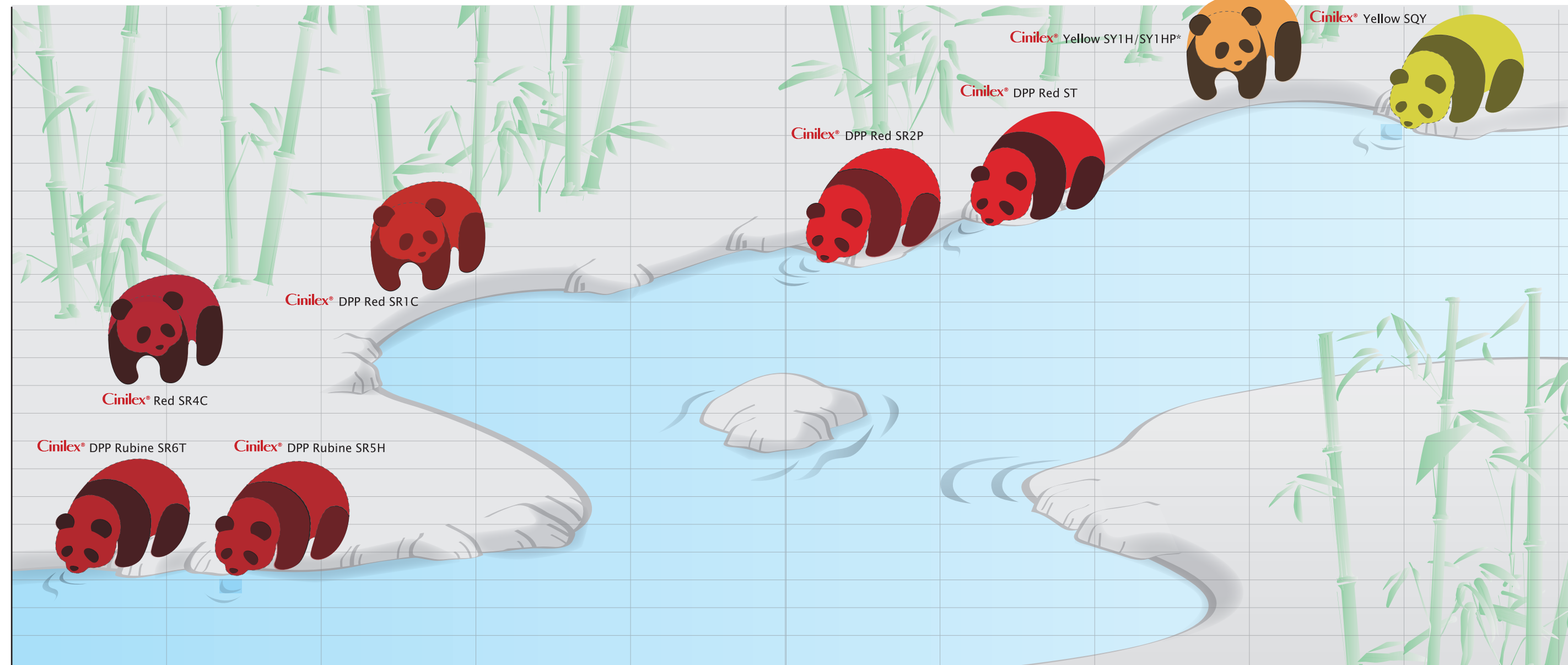
www.cinic.com

Cinilex® High Performance Organic Pigments for plastic applications



Chroma

80
75
70
63
62
61
60
59
58
57
56
55
54
53
52
51
50



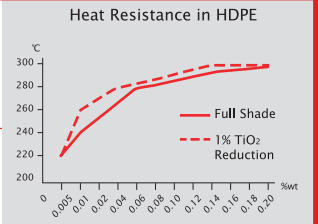
<<<- (blue)

Hue (H*)

(yellow) ->>

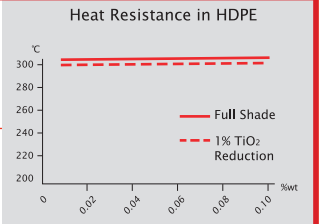
Cinilex® Red SR4C Anthraquinone

Physical Data and Fastness Properties		
C.I. Name	Pigment Red 177	
Density (g/cm³)	1.43	
DOP absorption (g/100g)	50.2	
Specific surface (m²/g)	113.5	
PVC	Light Fastness	WOM (2000hr)
Full shade 0.1%	8	4–5
1:10 TiO₂	7–8	2



Cinilex® DPP Red SR1C Diketo-pyrrolo-pyrrole

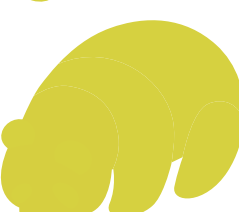
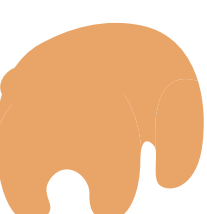
Physical Data and Fastness Properties		
C.I. Name	Pigment Red 254	
Density (g/cm³)	1.58	
DOP absorption (g/100g)	50.0	
Specific surface (m²/g)	12.0	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	5
1:10 TiO₂	7–8	5



Cinilex® Yellow SY1H/SY1HP* Full Shade in PP



Cinilex® Yellow SQY Full Shade in PP



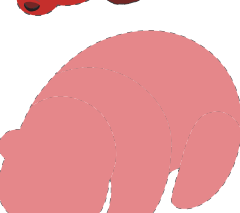
Cinilex® Yellow SY1H/SY1HP* 1/3 ISD (0.38%/0.42%*+1%TiO₂)

Cinilex® Yellow SQY 1/3 ISD (0.38%+1%TiO₂)

Cinilex® DPP Red SR2P Full Shade in PP



Cinilex® DPP Red ST Full Shade in PP

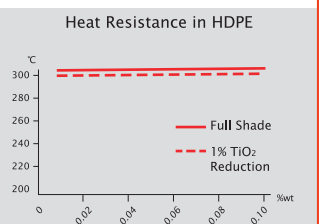


Cinilex® DPP Red ST 1/3 ISD (0.13%+1%TiO₂)

Cinilex® DPP Red SR2P 1/3 ISD (0.19%+1%TiO₂)

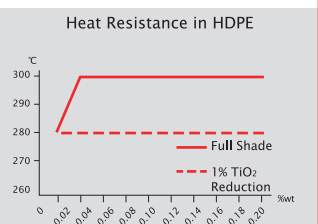
Cinilex® DPP Red SR2P Diketo-pyrrolo-pyrrole

Physical Data and Fastness Properties		
C.I. Name	Pigment Red 254	
Density (g/cm³)	1.58	
DOP absorption (g/100g)	46.0	
Specific surface (m²/g)	29.0	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	5
1:10 TiO₂	8	4–5



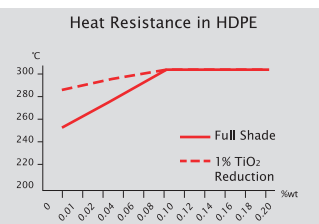
Cinilex® DPP Red ST Diketo-pyrrolo-pyrrole

Physical Data and Fastness Properties		
C.I. Name	Pigment Red 254	
Density (g/cm³)	1.45	
DOP absorption (g/100g)	65.2	
Specific surface (m²/g)	106.0	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	5
1:10 TiO₂	8	4



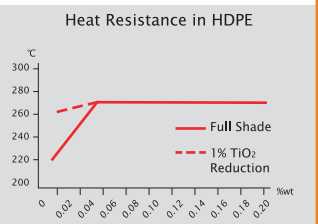
Cinilex® Yellow SY1H/SY1HP* Isoindolinone

Physical Data and Fastness Properties		
C.I. Name	Pigment Yellow 110	
Density (g/cm³)	1.79/1.73*	
DOP absorption (g/100g)	40.0/35.0*	
Specific surface (m²/g)	28.6/27.6*	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	5
1:10 TiO₂	8	4–5



Cinilex® Yellow SQY Isoindolinone

Physical Data and Fastness Properties		
C.I. Name	Pigment Yellow 109	
Density (g/cm³)	1.96	
DOP absorption (g/100g)	50.2	
Specific surface (m²/g)	32.6	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	4–5
1:10 TiO₂	8	4–5



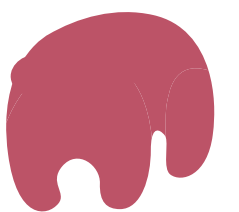
Cinilex® Red SR4C 1/3 ISD (0.21%+1%TiO₂)



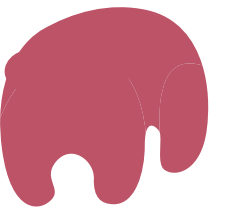
Cinilex® DPP Red SR1C Full Shade in PP



Cinilex® Red SR4C Full Shade in PP



Cinilex® DPP Red SR1C 1/3 ISD (0.25%+1%TiO₂)



Cinilex® DPP Rubine SR6T 1/3 ISD (0.12%+1%TiO₂)

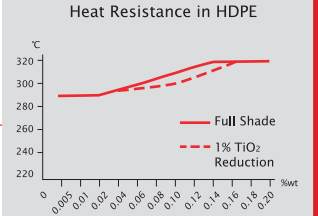
Cinilex® DPP Rubine SR6T Full Shade in PP

Cinilex® DPP Rubine SR5H Full Shade in PP

Cinilex® DPP Rubine SR5H 1/3 ISD (0.14%+1%TiO₂)

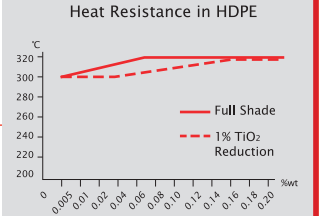
Cinilex® DPP Rubine SR6T Diketo-pyrrolo-pyrrole

Physical Data and Fastness Properties		
C.I. Name	Pigment Red 264	
Density (g/cm³)	1.35	
DOP absorption (g/100g)	59.6	
Specific surface (m²/g)	96.8	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	4–5
1:10 TiO₂	7–8	5



Cinilex® DPP Rubine SR5H Diketo-pyrrolo-pyrrole

Physical Data and Fastness Properties		
C.I. Name	Pigment Red 264	
Density (g/cm³)	1.38	
DOP absorption (g/100g)	54.4	
Specific surface (m²/g)	31.4	
PVC	Light Fastness	WOM (1000hr)
Full shade 0.1%	8	5
1:10 TiO₂	7–8	5



The **Cinilex®** portfolio of high performance organic pigments consists of a range of high quality, FDA compliant and highly durable products for use in the plastics industry. This focused range concentrates on products whose performance characteristics are high chroma, high colour strength, outstanding weather fastness, light fastness and heat stability in conjunction with excellent migration resistance. A number of products, with very low filter values, also satisfy the demanding dispersion requirements of the fibres industry. Most of these pigments are available in both opaque and transparent versions, thereby affording the solutions for opaque PE film, lead-free formulations in PVC and transparent, special effect applications in PP, GPPS and SAN. This portfolio is fully compliant with REACH and other regulatory requirements of the global market and offers you the possibility to standardize your pigment selection onto just a few products. Whatever your plastic application, there is always a **Cinilex®** solution for you.

Recommended Applications

	PP	PE	PVC	PS	ABS	PA6	PET	PC	POM	PMMA	Rubber
Cinilex® DPP Red SR1C	●	●	●	●	○	–	–	–	●	–	●
Cinilex® DPP Red SR2P	●	●	●	●	○	–	–	–	●	–	●
Cinilex® DPP Red ST	●	●	●	–	–	–	–	–		–	●
Cinilex® Red SR4C	●	●	●	○	○		○	○	●	–	●
Cinilex® DPP Rubine SR5H	●	●	●	○	●	○	○	–	–	–	●
Cinilex® DPP Rubine SR6T	●	●	●	○	●	○	○	–	–	–	●
Cinilex® Yellow SY1H/SY1HP*	●	●	●	●	●	–	–	–	●	–	●
Cinilex® Yellow SQY	●	●	●	●	○	–	○	○	–	–	●

● recommended ○ potential – Not recommended

Regulatory Compliance

	FDA	APME AP89/1	CONEG EC94/62	EN1122	EPA 3050B	EN71–3	JHOSPA	JHPA
Cinilex® DPP Red SR1C	●	●	●	●	●	●	●	●
Cinilex® DPP Red SR2P	●	●	●	●	●	●	●	●
Cinilex® DPP Red ST	●	●	●	●	●	●	●	●
Cinilex® Red SR4C	●	●	●	●	●	●	●	●
Cinilex® DPP Rubine SR5H	–	●	●	●	●	●	●	●
Cinilex® DPP Rubine SR6T	–	●	●	●	●	●	●	●
Cinilex® Yellow SY1H/SY1HP*	●	●	●	●	●	●	●	●
Cinilex® Yellow SQY	–	●	●	●	●	●	●	●

● listed