



Licai Pigment

# 海宁市丽彩颜料化工有限公司 Haining Licai Pigment Chemical Co., Ltd.

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426 Haichangnan Road, Haining, China.

## Transparent red HRR

Color Index: Solvent red 23

Molecular formula:  $C_{22}H_{16}N_4O$

CAS No.: 85-86-9

### Product specification

Appearance	Red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, red with yellow shade
Impurity content	≤ 1.0%
Moisture	≤ 0.5%
CIELab data $\Delta E$	≤ 0.7

### Commentary

A yellow shade red.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	260	-	-	-	-	260	--	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	260	-	-	-	-	260	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	5-6	-	-	-	-	-	-	-
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	5	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	5	-	-

### Application Profile

PS	●	HIPS	○	ABS	○
PC	-	PVC-R	●	PMMA	○
SAN	○	AS	○	PA	-
PET	-	Gasoline dyeing	-		

● = recommended ○ = potential use - = not recommended

### Disclaimer

All above data are obtained by our best knowledge and regarded as references for you. We strongly recommended a trial test before your mass application.