



Licai Pigment

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## Transparent Red EG

Color Index: Solvent red 135

Molecular formula:  $C_{18}H_6Cl_4N_2O$

CAS No.: 71902-17-5

### Product specification

Appearance	Red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, red with yellow shade
Insoluble content in solvent	≤ 0.5%
Moisture	≤ 0.5%
Water soluble content	≤ 0.2%
CIELab data ΔE	≤ 0.7

### Commentary

A yellow shade red with excellent lightfastness and good heat resistance.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	300	280	300	300	300	-	--	280
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	280	260	280	300	300	-	-	280
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	8	7	-	-	8		-	-
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	●				

● = 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.