



Licai Pigment

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## Transparent Yellow 3G

Color Index: Solvent yellow 93

Molecular formula:  $C_{21}H_{18}N_4O_2$

CAS No.: 4702-90-3

### Product specification

Appearance	Yellow powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, brilliant yellow
Ash content	≤ 0.5%
Moisture	≤ 0.5%
Color Differential ValueΔE	≤ 0.7

### Commentary

A brilliant yellow 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)	260	-	260	260	260	-	-	260
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	260	-	260	260	260	-	-	260
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7-8	-	-	-	7-8	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.