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Haining Licai Pigment Chemical Co., Ltd.
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426 Haichangnan Road, Haining, China.

Transparent Yellow G

Product name: Solvent yellow 114

Molecular formula: $C_{18}H_{11}NO_3$

CAS No.:

Product specification

Appearance	Yellow powder
Tinting Strength	100 3%
Shade Color	Similar to the standard, yellow
Ash	$\leq 0.5\%$
Moisture	$\leq 0.5\%$
Insolubles in xylene	$\leq 0.5\%$
Color Differential Value ΔE	≤ 1.0

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)	300	280	300	300	300	-	-	
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	300	260	280	300	300	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7-8	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 recommend

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.