



Licai Pigment

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

中国海宁市海昌南路426号 P.C.Code: 314400

426 Haichangnan Road, Haining, China.

Fluorescent Yellow 3G

Product name: Solvent yellow 98

Molecular formula: $C_{36}H_{45}NO_2S$

CAS No.: 12671-74-8

Product specification

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

Commentary

A fluorescent green shade yellow with good lightfastness and excellent heat resistance.

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

Technical Data Sheet

TDS code: TDS-SY98-1