



Licai Pigment

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Fluorescent Orange GG

Color Index: Solvent orange 63

Molecular formula: $C_{23}H_{12}OS$

CAS No.: 16294-75-0

Product specification

Appearance	Dark red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, fluorescent orange
Ash	≤ 1.0%
Moisture	≤ 1.0%
Color Differential Value ΔE	≤ 0.7

Commentary

A fluorescent orange with high color strength, 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)	280	280	280	280	280	-	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	280	260	280	280	280	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7	6-7	-	-	-	6-7	-	-
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.