



海宁市丽彩颜料化工有限公司
Haining Licai Pigment Chemical Co., Ltd.
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Oil Yellow 4R

Color Index: Solvent yellow 16
 CAS No.: 4314-14-1

Molecular formula: $C_{16}H_{14}N_4O$

Product specification

Appearance	Yellow powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, yellow with green shade
Ash	≤ 0.5%
Moisture	≤ 0.5%
Color Differential Value ΔE	≤ 0.7

Commentary

Water insoluble dyes with high tinctorial strength, good solubility in most organic solvents, oil, fats and waxes.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	260	-	-	260	-	-	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	250	-	-	250	-	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	5-6	-	-	-	-	-	-	-
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	5	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	3	-	-

Application Profile

PS	●	ABS	○	PVC-R	●
PC	○	PMMA	●	Candle	●
Lubricating grease	●	Shoe care cream	●	Gasoline	●

● = 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.