



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

Color Index: Solvent yellow 33
 CAS No.: 8003-22-3

Molecular formula:

Product specification

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

Commentary

A brilliant yellow with weak green shade. Limited application in plastics due to strong sublimation nature.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	220	-	-	-	-	-	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	220	-	-	-	-	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	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	○	Colored smoke	●		

● = 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.