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426 Haichangnan Road, Haining, China.

## Transparent Yellow 3GL

Product name: Solvent yellow 176

Molecular formula:  $C_{36}H_{20}Br_2N_2O_6$

CAS No.: 10319-14-9

### Product specification

Appearance	Yellow powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, brilliant yellow
Ash	≤ 0.5%
Moisture	≤ 0.5%
Color Differential Value $\Delta E$	≤ 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)	280	280	300	280	280	280	-	280
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	280	280	280	280	280	280	-	280
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.