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426 Haichangnan Road, Haining, China.

Transparent Yellow HGN

Color Index: Solvent yellow 157

Molecular formula: C₁₈H₇Cl₄NO₂

CAS No.: 27908-75-4

Product specification

Appearance	Yellow powder
Tinting Strength	100 2%
Shade Color	Similar to the standard, yellow with weak green shade
Ash	≤ 0.5%
Moisture	≤ 0.5%
Insolubles in xylene	≤ 0.5%
Color Differential Value ΔE	≤ 0.7

Commentary

A brilliant yellow with weak green shade.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	300	280	300	300	-	-	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	300	260	260	280	-	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	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 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.