



**海宁市丽彩颜料化工有限公司**  
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## Transparent Green 5B

Color Index: Solvent Green 3

Molecular formula:  $C_{28}H_{22}N_2O_2$

CAS No.: 128-80-3

### Product specification

Appearance	Black to blue powder
Tinting Strength	100 3%
Shade Color	Similar to the standard, green with blue shade
Ash	$\leq 0.5\%$
Moisture	$\leq 0.5\%$
Insolubles in xylene	$\leq 0.5\%$
Color Differential Value $\Delta E$	$\leq 0.7$

### Commentary

A blue shade green with good lightfastness and good heat resistance.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	300	280	300	300	300	-	-	-
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	300	280	280	300	280	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7-8	6	-	-	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.