



海宁市丽彩颜料化工有限公司
 Haining Licai Pigment Chemical Co., Ltd.
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Transparent Blue 2R

Color Index: Solvent blue 97
 CAS No.: 61969-44-6

Molecular formula: $C_{36}H_{36}N_2O_2$

Product specification

Appearance	Blue powder
Tinting Strength	100±3%
Shade Color	Similar to the standard
Ash	≤ 0.5%
Moisture	≤ 0.5%
Color Differential Value ΔE	≤ 0.7

Commentary

A blue with high color strength, 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	300	300	300
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	300	280	300	300	300	300	300	300
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7-8	5-6	-	-	7-8	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	●				

● = 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.