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Transparent Blue GP

Color Index: Solventblue 78
 CAS No.: 2475-44-7

Molecular formula: C₁₆H₁₄N₂O₂

Product specification

Appearance	Blue powder
Tinting Strength	100±3%
Shade Color	Similar to the standard
Ash	≤ 1.0%
Moisture	≤ 0.5%
Color Differential ValueΔE	≤ 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)	260	260	260	-	260	260	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	260	260	260	-	260	260	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7	5-6	-	-	7	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.