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Transparent Black BN

Color Index: Solvent Black 3
 CAS No.: 4197-25-5

Molecular formula: C₂₉H₂₄N₆

Product specification

Appearance	Black powder
Tinting Strength	100±3%
Shade Color	Similar to the standard.
Ash	≤ 0.5%
Moisture	≤ 0.5%
Color Differential ValueΔE	≤ 0.7

Commentary

A black shade 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	-	260	-	-
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	280	-	-	260	-	260	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	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	○	Soap	●	Shoe polish	●

● = 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.