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 Haining Licai Pigment Chemical Co., Ltd.
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 426 Haichangnan Road, Haining, China.

Transparent Brown R

Color Index: Solvent Brown 53

Molecular formula: $C_{18}H_{10}N_4NiO_2$

CAS No.: 64696-98-6

Product specification

Appearance	Brown 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 brown with high color strength, excellent lightfastness and pretty good heat resistance.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	300	300	-	-	300	-	-	300
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	300	300	-	-	300	-	-	300
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	8	8	-	-	-	-	-	8
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	5	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	5	-	-

Application Profile

PS	●	SAN	●	ABS	●
PC	●	PVC-R	-	PMMA	●
PET	●	PBT	●	PA	-

● = 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.