



Licai Pigment

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

Product name: Solvent red 24

Molecular formula: $C_{24}H_{20}N_4O$

CAS No.: 85-83-6

Product specification

Appearance	Dark red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard
Ash	≤ 1.0%
Moisture	≤ 0.5%
Color Differential Value ΔE	≤ 0.7

Commentary

A brilliant red with weak blue shade, good solubility in most organic solvents, oil, fats and waxes.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	260	-	-	-	-	-	--	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	240	-	-	-	-	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	5-6	-	-	-	-	-	-	-
Weather resistance	3	-	-	-	-	-	-	-
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	○	Soap	●
PET	-	Gasoline dyeing	●	Candle	●

● = 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.

TDS code: TDS-SR24-1