



海宁市丽彩颜料化工有限公司
Haining Licai Pigment Chemical Co., Ltd.
中国海宁市海昌南路426号 P.C.Code: 314400
426 Haichangnan Road, Haining, China.

Technical Data Sheet

Transparent Red H5B

Color Index: Solvent red 52

Molecular formula: $C_{24}H_{18}N_2O_2$

CAS No.: 81-39-0

Product specification

Appearance	Red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, red with blue shade
Ash	≤ 0.5%
Moisture	≤ 0.5%
Color Differential Value ΔE	≤ 0.7

Commentary

A red with blue shade, good lightfastness and excellent heat resistance.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	280	280	280	280	280	280	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	280	260	280	280	280	280	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7-8	-	-	-	-	-	-	-
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	-	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	-	-	-

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.

Technical Data Sheet

TDS code: TDS-SR52-1