



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

Product name: Solvent orange 86

Molecular formula: $C_{16}H_8N_4$

CAS No.: 81-64-1

Product specification

Appearance	Orange to red powder
Tinting Strength	100±3%
Quinizarine content	98.0% Min.
Shade Color	Similar to the standard, orange with red shade
Ash	≤ 0.5%
Moisture	≤ 0.5%
Color Differential Value ΔE	≤ 0.7

Commentary

A red shade orange with good lightfastness, normal heat resistance

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	220	-	-	-	-	-	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	220	-	-	-	-	-	-	-
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	6-7	-	-	-	-	-	-	-
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	-	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	-	-	-

Application Profile

PS	●	ABS	-	PVC-R	○
PC	-	PMMA	○	Smoke color	●

● = recommended ○ = potential use - = not recommend

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-SO86-1