



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.

Transparent Orange 2R

Color Index: Solventorange 105
 CAS No.: 31482-56-1

Molecular formula: $C_{17}H_{17}N_5O_2$

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 orange 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)	260			260		260	-	-
Heat resistance temperature, °C (0.05% dyes + 1.0% Titanium dioxide)	260			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	○				

● = 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.