



海宁市丽彩颜料化工有限公司  
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## Transparent Orange 3G

Color Index: Solvent orange 60

Molecular formula: C<sub>18</sub>H<sub>10</sub>N<sub>2</sub>O

CAS No.: 6925-69-5

### Product specification

Appearance	Orange to red powder
Tinting Strength	100±3%
Shade Color	Similar to the standard, brilliant orange
Ash content	≤ 0.5%
Moisture	≤ 0.5%
Color Differential ValueΔE	≤ 1.0

### Commentary

A brilliant orange with excellent lightfastness and good heat resistance.

Test Items	PS	ABS	SAN	PMMA	PC	R-PVC	PA6	PET
Heat resistance temperature, °C (0.05% dyes, transparent)	300	280	300	300	300	-	-	280
Heat resistance temperature, °C (0.05% dyes + 0.5% Titanium dioxide)	300	280	280	300	300	-	-	280
Migration resistance	-	-	-	-	-	-	-	-
Light fastness (0.05% dyes, transparent)	7-8	7-8	-	-	7-8	7-8	-	7-8
Weather resistance	-	-	-	-	-	-	-	-
Acid resistance (in 5% hydrochloric acid solution)	-	-	-	-	-	5	-	-
Alkali resistance (in 5% caustic soda solution)	-	-	-	-	-	5	-	-

### Application Profile

<b>PS</b>	●	<b>HIPS</b>	●	<b>ABS</b>	●
<b>PC</b>	●	<b>PVC-R</b>	●	<b>PMMA</b>	●
<b>SAN</b>	●	<b>AS</b>	●	<b>PA</b>	○
<b>PET</b>	●				

● = 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.