

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

## TECHNICAL DATA SHEET

**Product Name:** Solvent Orange 62

**Color Index No.:** C.I Solvent Orange 62(12714)

**Chemical Type:** Monoazo-dyes

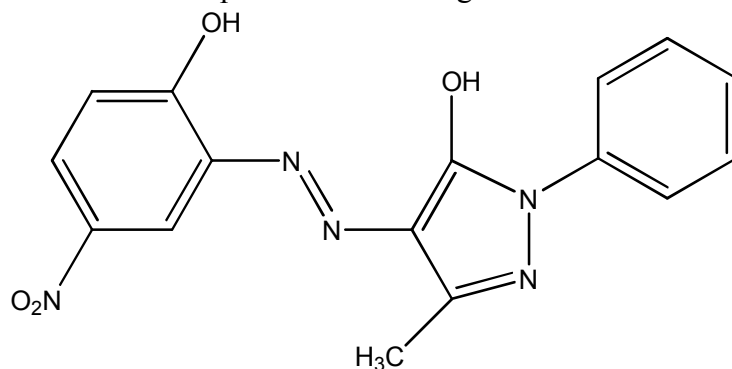
**Formula:** C<sub>16</sub>H<sub>13</sub>N<sub>5</sub>O<sub>4</sub>

**Molecular weight:** 339.31

**CAS#:** 52256-37-8

**Molecular Structure:**

1:2 Chrome complex with following structure



**Other Trade Name:**

Lampronol Orange R (BASF)

Valifast Orange 24765 (KKK)

**Character:** Has good compatibility and dissolubility in all kinds of organic solvent, synthetic and natural resin. Has excellent heat stability, light stability, dissolubility as well as strong stain ability.

**Use:** Mainly be used in dyeing resin, transparent paint, aluminium-foil paper, wood, blocking materials and leather.

**Specifications:**

Item	Index
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<b>Appearance</b>	Reddish orange powder
<b>Strength (%)</b>	100±3
<b>Shade</b>	Similar to standard
<b>Moisture (%)</b>	3.0 max
<b>Insoluble in organic solvent (%)</b>	0.3 max

**Property and Performance:**

<b>Fastness</b>				<b>Solubility (g/l)</b>						
M.P. (°C)	Light	Heat	Alkali	Xylene	Methanol	Isopro- panol	Ethanol	Butanol	Isobut- anol	Ethyl Acetate
169	7	A	A	10	50	5	60	10	-	10

Toluene	MIBK	Cyclohexanone
10	500	500

It needs to be declared that the above data is based on our present knowledge and experience; owing to too many affecting factors, these data cannot be free from their check and test when processing and using the product.