

Technical Data Sheet



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Commodity:	Orange 2500	
C. I. Name:	PO:13	CAS No.:3520-72-7

General Properties

<i>Specific Gravity</i>	>1.50	(Water=1)
<i>Oil Absorption</i>	45±5.0	g Oil / 100g Pigment
<i>Moisture</i>	<1.5%	
<i>Color Strength</i>	100±5%	
<i>Color Shade Variance</i>	$\Delta E < 1$	
<i>PH</i>	6.5-7.5	

Fastness Properties

<i>Heat Resistance</i>	200°C
<i>Light Fastness</i>	5
<i>Migration</i>	2

Resistance to Solvents (1-5 Scale; 5 denotes the best)

<i>Water</i>	5	<i>Toluene</i>	2-3
<i>Ethyl Alcohol</i>	3-4	<i>Ethyl Acetate</i>	2-3
<i>Methyl Ethyl Ketone</i>	3-4		

Resistance to Acid and Alkali (1-5 scale; 5 denotes the best)

<i>2% HCL</i>	5	<i>2% NaOH</i>	3-4
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Recommended for

Plastics, Paints and Coatings

Light fastness: 1-8 scale; 8 the best

Others: 1-5 scale; 5 the best

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