

Technical Data Sheet



(626)363-8855 Fax: (626)363-8856 951 Lawson St., City of Industry, CA 91748, www.colorwen.com Email: info@colorwen.com

Commodity:	Red 1770	
C. I. Name:	PR:177	CAS No.:4051-63-2

General Properties

<i>Specific Gravity</i>	>1.47	(Water=1)
<i>Oil Absorption</i>	65±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>	6.0-8.0	

Fastness Properties

<i>Heat Resistance</i>	290°C
<i>Light Fastness</i>	5
<i>Migration</i>	

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

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

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

<i>2% HCL</i>	5	<i>2% NaOH</i>	5
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Recommended for

Paints and Coatings, Textile, Offset, Plastics

Light fastness: 1-8 scale; 8 the best

Others: 1-5 scale; 5 the best

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