

Technical Data Sheet



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Commodity:	Green 4100	
C. I. Name:	PG 7	CAS No.:1328-53-6

General Properties

<i>Specific Gravity</i>	>1.80	(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>	4.5-8.5	

Fastness Properties

<i>Heat Resistance</i>	5	280°C x 10 min.
<i>Light Fastness</i>	6-7	
<i>Migration</i>	5	

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

<i>Water</i>	5	<i>Toluene</i>	2-3
<i>Ethyl Alcohol</i>	5	<i>Ethyl Acetate</i>	1-2
<i>Methyl Ethyl Ketone</i>	3		

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

Offset Ink, Coating, Plastics, Rubber, Textile

Light fastness: 1-8 scale; 8 the best

Others: 1-5 scale; 5 the best

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