

Technical Datasheet

Sicotrans® Yellow L 1916

Transparent iron oxide

Colour Index™	P.Y. 42 77492
Chemical Class	Iron oxide hydrate, transparent
Physical form	Powder



Masstone
Alkyd / Melamine

1/9 Standard Depth
Alkyd / Melamine

80:20 Aluminum
Alkyd / Melamine

Weathering or Light Fastness

	2K Acrylic	Alkyd / Melamine
1/9 Standard Depth	4 - 5	4 - 5
80:20 Aluminum	5	

Physical Properties

Bulk volume	1,3 L/kg	Oil absorption	47 g/100g
Conductivity	< 400 µS/cm	pH	7 - 9
Density	3,7 g/cm ³	Specific surface	80 m ² /g
Dry content	> 97 %	Thermal resistance	160 °C

Chemical Fastness

of FullShade in Alkyd / Melamine

Substance	value (GS)
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Alkali (2% NaOH)	5
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Acid (2% HCl)	5
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Suitability in Medium

Air-drying alkyd	●
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Amine-curable	●
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Acid-curable	●
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Acrylic / isocyanate	●
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Water-based	●
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Baking finishes	●
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Solvent Fastness

Butyl acetate	5
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MEK	5
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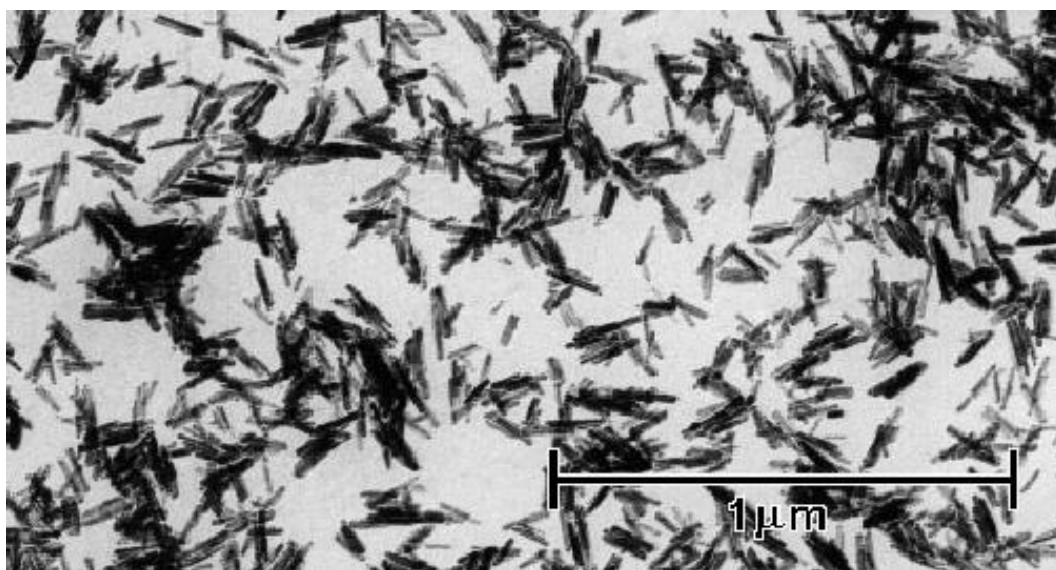
White spirit	5
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Xylene	5
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Ethanol	5
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1-methoxypropan-2-ol	5
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Electron Microscope Image



Note

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Greyscale (GS) 5 (best) - 1 (worst); Blue Wool Scale (BWS) 8 (best) - 1 (worst)

suitable potential suitable not suitable