

Sicotrans® Gelb L 1916

Sicotrans® Yellow L 1916

Transparentes Eisenoxidgelb

Transparent yellow iron oxide

Vollton
Full shade

1



Chemische Struktur

Chemical Nature:

Eisenoxidhydrat
C.I. Pigment Gelb 42
Iron Oxide Hydrate
C.I. Pigment Yellow 42

Physikalische Form

Physical Form:

Pulver/powder

Physikalische Daten

Physical Data:

pH-Wert
pH-value 7–9
Leitfähigkeit
Conductivity < 400 µS/cm
Dichte
Density 3.9 g/cm³
Spez. Oberfläche (BET)
Spec. Surface (BET) 80 m²/g

80 pts Sicotrans Yellow
L 1916

20 pts Al pigment
(100%)

2



Chemikalienbeständigkeit

Chemical Resistance:

HCL 2 % 5
NaOH 2 % 5

1 : 3.4 TiO₂
1/9 Standardfarbtiefe
1/9 standard depth
of shade

3



Temperaturbeständigkeit

Heat Stability:

160 °C

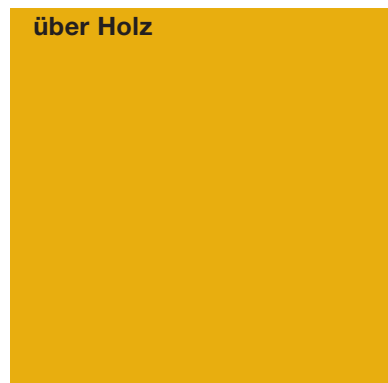
Wetterbeständigkeit

Weather Fastness:

Farbton/shade	1	2	3	4
Alkyd-/Melamin alkyd/melamine	–	–	4–5	–
Acryl-/Melamin acrylic/melamine	–	5	4–5	–

4

über Holz



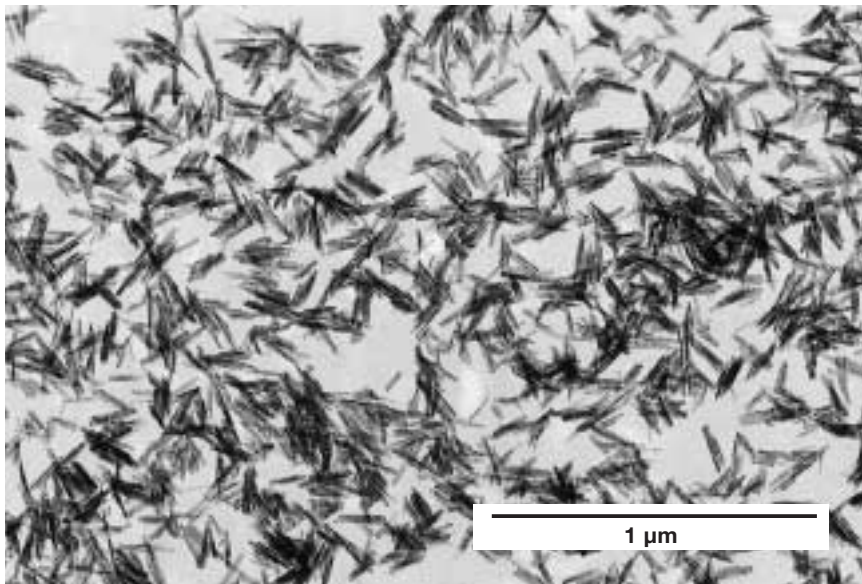
Überlackiererechtheit

Fastness to Overcoating:

5

Sicotrans Yellow
L 1916 4%ig

BASF



Lösemittelechtheit

Fastness to Solvents:

Ethanol/Ethanol	5
Butylacetat/Butylacetate	5
Methylethylketon/Methyl Ethyl Ketone	5
Xylol/Xylene	5
Testbenzin/Mineral Spirit	5
Solvenon PM	5

Empfohlene Einsatzgebiete

Suitable for:

Einbrenn-Systeme/Baking systems	< 180 °C
Wässrige Systeme/Waterborne systems	+
Acryl-Isocyanat-Systeme/Acrylic-isocyanate systems	+
Säure härtende Systeme/Acid curing systems	+
Amin härtende Systeme/Amine curing systems	+
Physikalisch-oxidativ trocknende Systeme/Airdrying systems	+

- + suitable
- limited suitability
- not suitable

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