LIONOL YELLOW TT-1703

Key Properties
A disazo yellow pigment with a greenish shade.

Chemical structure

Chemical Group: Disazo
Colour Index: PY17
C.I. Number: 21105
CAS Number: 4531-49-1
EC Number: 224-867-1

Registration
MITI (Japan) 5-3161
TSCA (USA) Registered

Application
Off-set ○
UV ○
Metal deco
Gravure PA /NC
CL-PP
PU
Flexo Solvent base(NC)
Water base
© Recommended ○ Suitable

Physical Properties
Bulk density (Kg/l) 0.27
Specific surface area (m²/g) 32

Fastness Properties
Chemical Resistance
Water 5
Xylene 5
Ethanol 5
Ethyl Acetate 5
Mineral Spirit 5
Acid (HCl 2%) 5
Alkali (NaOH 2%) 5
Resistance to Solvent: 1 to 5, 5 = Excellent
Acid & Alkali Resistance: 1 to 5, 5 = Excellent

Light Fastness
Full shade 5
Reduced -1/10TiO₂ 4
assessment according to the Wool Scale (1-8)

Heat Stability
30° – 140 °C 4
10° – 180 °C 3
assessment according to the Gray Scale (1-5)

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