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TECHNICAL DATA SHEET

Product Description:

Color Index: Solvent Yellow 146
CAS No. 109945-04-2/94279-65-9
Chemical Nature: Monoazo Series/ Metal Complex

Foreign relative brand:

Orasol yellow 4GN Lampronol yellow 3G, Bricosol yellow K3GN

Technical Properties

Solvent yellow 4GN is a yellow solvent dyes with green bright shade. It has good acid resistance, alkali resistance and temperature resistance. It can soluble in most organic solvents and has good gloss and transparency. It can slightly soluble in water. When used for painting, it can bear 180-220°C for 30 minutes.

Application:

Solvent yellow 4GN main used for printing ink, coating, bronzing, paper, leather, baking varnish etc.

Fastness and chemical Properties

Solubility Properties(g/L)

Melting point (°C)	185
Autoignition temperature (°C)	approx. 310
Solubility in water	slightly soluble
Alkali Resistance	5 (5=Excellent, 1=Poor)
Alcohol Resistance	5 (5=Excellent, 1=Poor)
Heat Resistance (°C)	>200
Light Fastness (8=Excellent)	7-8

Note: The above information is provided as guidelines for your reference only.

The accurate effects should base on the test results in laboratory.