

Product	143
Issue	02
Date	08 July 2010

TECHNICAL DATA SHEET

Product Information – Inks

Product Name	Sudacolor™ Yellow 143
Chemical type	Disazo
Color index Name	Pigment Yellow 12
C.I. Constitution No.	21090
CAS No.	6358-85-6
EINECS/ELINCS No.	228-787-8
Physical form	Yellow powder

Product Features

Semi-transparent yellow pigment with excellent low shear flow characteristics.

Physical Properties

Oil absorption	53 ± 5%
Specific gravity	1.26 ± 0.1
Bulk density g/ml	0.19 ± 0.1
pH value	7.0 - 9.0
Volatile Matter	1 % max
Resistance to Acid	5
Resistance to Alkali	3-4
Bleeding in Xylene	3
Bleeding in Methyl Ethyl Ketone	3-4
Bleeding in Ethyl Acetate	4
Bleeding in Cellosolve	3-4
Bleeding in Mineral Turpentine	4

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Application Profile

Sheetfed inks	●
Silkscreen inks	●
Metal decorative inks	--
NC – PU base inks	--
Water base inks	--
CIPP base inks	--

● – Potential use ● - Recommended -- Not recommended

Coloristic Properties

Particulars	Specification	Test Method
Da, Db, DL, DC (Tint)	± 0.7	SUDA00707
DE (Tint)	≤ 1.0	SUDA00707
Color strength	$100 \pm 5 \%$	SUDA00707
Color Shade – Full shade	± 4	SUDA00707
Transparency	± 4	SUDA00707
Gloss	± 4	SUDA00707
Viscosity	$\pm 20\%$ of Std.	SUDA00707

Technical Performance

Heat Stability	200 Degree C
Weather Resistance (Gray scale 1- 5)	
Full shade	--
Tint	--
Light Fastness (Blue wool scale 1- 8)	
Full Shade	4
Tint	3

Test methods used to generate this data can be provided on request; the above information is for guidance only.

Note:

The information contained herein is to the best of our knowledge accurate and reliable. However, as use conditions are not within our control, no guarantees are given or are to be inferred.