



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218

Fax +91 22 42184350

Email : tcmktg@sarex.com

URL www.sarex.com

## PRODUCT LITERATURE

### DIGIPRINT-458

#### Product Information

Digiprint-458 is a medium viscosity thickening agent which is applied in the pre-treatment padding process before Ink-Jet printing specially for cotton and viscose fabrics. Digiprint-458 is also suitable for all types of fabrics printed with disperse and reactive. Digiprint-458 locally increases the viscosity thereby prevents spreading of prints. Digiprint-458 delivers level prints with sharp outlines and improved colour value. It has a film forming and adhesion property. The advantage of Digiprint-458 is ready to use product with consistent viscosity. Digiprint-458 is stable as there is no bacterial attack. The feel of the fabric is not affected. It has easy wash-off properties.

#### Key Features & Benefits

##### Key Features

-----

Ink Jet printing

Universal

Easy wash-off

##### Benefits

-----

Improves colour yield, levelness & sharpness of prints on cotton, polyester, wool, silk and polyamide fabrics

Suitable for all types of ink

Does not interfere in subsequent processing

#### General Characteristics

Physical appearance : Light yellow to yellow hazy viscous liquid

Ionic nature : Anionic

pH of 1% solution : 6 +/-1

Miscibility : Miscible with water

Compatibility : Compatible with anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

1. Ink-Jet printing on Cotton or Viscose (Reactive ink)

Pre-treatment

-----

Digiprint-458 : 60-100 g/l



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email : tcmktg@sarex.com URL www.sarex.com

## PRODUCT LITERATURE

### DIGIPRINT-458

Sarakol-NF : 1-3 g/l  
Urea : 50-100 g/l  
Soda ash : 30-40 g/l  
Super R Salt : 10-15 g/l

Pad -> Dry -> Print (Ink-Jet printing)

#### Ink-Jet Printing

-----  
Printing : Ink-Jet with Reactive ink  
Steaming : 102-105 deg.C, 7-10 min. OR  
Thermofix : 140-150 deg.C, 3-5 min.

#### After treatment (Washing)

-----  
Cold wash : 5 mins  
Soaping : 1-2 g/l Sarakol-1583, 98 deg.C, 5 mins. (twice)  
Hot wash : 3 mins at boil (twice)  
Cold wash : 5 mins.

#### 2. Ink-Jet printing on Polyester (Disperse ink)

##### Pre-treatment (Padding)

-----  
Digiprint-458 : 50-80 g/l  
Sarakol-NF : 1-3 g/l  
Kitex-BO : 5-10 g/l

Pad -> Dry -> Print (Ink-jet printing)

#### Ink-Jet Printing

-----  
Printing : Ink-jet with disperse ink  
Steaming : 170-180 deg.C, 6-8 min. OR  
Thermofix : 180-190 deg.C, 1-2 min. OR  
Calendering : 200-210 deg.C, 30 sec.

#### After-treatment (washing)

-----  
Cold wash : 5 mins.  
Reduction clearing: 0.5-0.75 g/l, Reducon-ACD (Conc) at  
3.3-3.7 pH, 60-70 deg.C, 10 mins.



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218

Fax +91 22 42184350

Email : tcmktg@sarex.com

URL www.sarex.com

## PRODUCT LITERATURE

### DIGIPRINT-458

Note:

-----

- Digiprint-458 can be applied by coating with 50% diluted product.
- Concentration of Digiprint-458 to be added depending on GSM of fabric. For higher GSM fabric, lesser quantity of Digiprint-458 is required compared to lower GSM fabric.

#### Precautions

- Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.
- Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
[ Prod.Code :PD598 | Last Upd. On : 19/06/19 ] [MOLL]

This is a computer generated report. Hence not signed.