



# 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

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## PRODUCT LITERATURE

### DIGIPRINT-773

#### Product Information

Digiprint-773 is a low viscosity economical thickening agent which is applied in pre-treatment padding process before Ink-Jet printing on polyamide and polyester substrates. Digiprint-773 can be easily dosable. Digiprint-773 locally increase the viscosity thereby prevents the spreading of ink. It delivers even prints with sharp outlines and improved colour value on all types of fabric printed with disperse inks. Digiprint-773 does not affect the feel of fabric. It has easy wash-off properties.

#### Key Features & Benefits

Key Features	Benefits
Ink Jet printing	- Sharp and even prints - Improvement in colour value
Dosable	Easily dosable
Easy wash-off	Does not interfere in subsequent processing

#### General Characteristics

Physical appearance	: Light yellow to yellow gel
Ionic nature	: Anionic
pH of 1% solution	: 7 +/-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 Polyester (Disperse ink)

Pre-treatment (Padding)

Digiprint-773	: 40-60 g/l
Kitex-BO	: 5-10 g/l
Sarakol-NF	: 1-3 g/l

OR



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Celldet-R : 0.5-1.0 g/l  
Pad -> Dry -> Print (Ink-Jet printing)

#### Ink-Jet Printing

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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)

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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.

#### Note:

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1. Digiprint-773 can be applied by coating with 50% diluted product.
  2. Concentration of Digiprint-773 to be added depending on GSM of fabric. For higher GSM fabric, lesser quantity of Digiprint-773 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]  
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