ASULAK E-TRANS FF

TECHNICAL DATA SHEET

DESCRIPTION

High solids content acrylic compound that confers a shiny effect. It is suitable for both garment and fabric printing.

STANDARDS

- bluesign® approved
- ZDHC Gateway Level 3
- Screen Chemistry by Scivera
- According to GREEN TO WEAR 2.0 SUPPORTING DOCUMENTS by INDITEX Group this product does not need chemical testing because it meets the requirements of Option 2 – ZDHC Gateway Chemical Module.

SCOPE OF APPLICATION

- ASULAK E-TRANS FF is suitable for cotton and its blends, poliamide/lycra.

PROPERTIES

- It can be used as an adhesive for transfer paper with good washing fastness (Only on fabric printing with calender).
- Plastic handfeel.
- It crosslinks at low temperature.
- High brightness.
- Good washing and rubbing fastness.
- Good elasticity.
- It can be coloured with pigments.

CHARACTERISTICS

Appearance	Paste
Colour	White
Composition	Acrylic resins compound
Ionic character	Anionic
pH	10,0 ± 0,5
Viscosity (20ºC)	47.500 ± 2.500 cps

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STANDARD APPLICATION

Garment printing

It is highly recommended to use screens between 34-60 threads/cm^2

Fabric printing

It is highly recommended to use between 80-135 mesh when printing in rotary machinery.

Once applied, dry and cure for 3 min at 120-130ºC (or for 1 min at 180ºC).

APPLICATION AS PAPER TRANSFER ADHESIVE

Cotton and their blends

- Print using a 60 mesh cylinder, dry at 110ºC and cure for 1 minute at 140ºC
- Transfer paper foil by means of a calender at 160ºC (8-12 Tn/cm^2).

Polyamide / Lycra

- Print acid dyes, **ASULAK E-TRANS FF** (wet on wet) and dry at 100ºC.
- Steam at 102ºC.
- Cure for 1 minute at 140ºC.
- Wash with **ASUGAL ALBI** (check TDS)
- Dry and transfer paper by means of a calender at 160ºC (8-12 Tn/cm^2).

REMARKS

- 20-30 g/kg of ASULIT E-RE and/or urea (formaldehyde free grade) can be used to improve lubrication, especially when room temperature is high.
- General fastnesses of this product are very good, but to increase overall fastness or to improve adhesion to the fiber it is suggested to add 5-10 g/kg of CATALIZADOR E-FF.

ASULAK E-TRANS FF meets the bluesign® criteria

- Complies with the strict ecological and toxicological requirements of the bluesign® criteria
- Properly applied it allows a production with a minimum impact on people and the environment
- Basis for bluesign® approved textiles and accessories

For more information visit www.bluesign.com