

ASULAK E-961 FF

TECHNICAL DATA SHEET

DESCRIPTION

Covering lacquer with a very soft handle for printing fabrics that offers excellent coverings prints on pre-dyed fabrics. Appropriate for carrying out "resist effect" with reactive and acid dyestuffs.

APEO's, formaldehyde and arylamines free.

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-961 FF is suitable for printing on cotton and its blends. It is suitable for printing on synthetic fibres. It is suitable for fabric printing (flat and rotary machines) also can be used in garment printing.

PROPERTIES

- Excellent handfeel.
- It does not block screens or cylinders and allows printing several colours with a fine screen (125 mesh)
- Formaldehyde free.
- Discharge like effects are possible.
- It can be coloured with pigments.
- It is not an elastic product.

CHARACTERISTICS

Appearance	Paste
Colour	White
pH	10.0 ± 0.5
Viscosity	31000 ± 2500 cps
Ionic character	Anionic

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities –also with a view to claims of third parties – are excluded.

APPLICATION

Standard application

X	g/Kg	Pigment
Fill up	g/Kg	ASULAK E-961 FF
5 - 10	g/Kg	CATALIZADOR E-FF

Stir and print.

Garment printing

It is suggested to use screens between 43-62 threads/cm². Once the product has been applied, it must be dried and cured 3 minutes at 150°C (or 1-2 minutes at 170-180°C).

Fabric printing

It is suggested to use between 80-135 mesh when printing in rotary machines. Once the product has been applied, it must be dried and cured 3-5 minutes at 150°C.

"Resist effect" with reactive dyestuffs (discharge-like)

Wet on wet system (rotary machine)

- Use ASULAK E-961 FF (coloured with pigment) adding CATALIZADOR E-FF to print in the first cylinder.
- Print with reactive dyestuffs using the last cylinder (100% occupancy).
- Dry (100 - 110°C).
- Steam (10-12 min at 102°C) or fix with temperature (3-5 minutes at 150°C).
- Wash with ASUGAL ALBI 85 (see TDS).

Dyeing system after printing

- Use ASULAK E-961 FF (coloured with pigment) adding 5g/kg CATALIZADOR E-FF.
- Dry and cure according previous explanation of application (garment or fabric).
- Dye by exhaustion with reactive dyestuffs.

It is advisable to add 10-20 g/kg of ASULIT E-RE when printing long pieces of fabrics.

Add 5-10 g/kg of CATALIZADOR E-FF to increase fastness overall or to improve adhesion to the fiber (especially synthetic fibers).

REMARKS

Previous laboratory tests are recommended. Check general fastness 24 hours after print, which are normally good on cellulosic fibres.



ASULAK E-961 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

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