

Brilliant solution to common technical problems

حلول ساطعة للمشاكل المتكررة

Finishing :

- USING **GBresin M 70 /ECO** as Crosslinking agent for the finishing of technical textiles. On synthetic fiber material, produces a resilient stiff finish , On viscose will give springy effect .

- You can reduce silicon oil deposition during finishing

لتقليل ترسيب السليكون علي الخامات اثناء التجهيز

Using 1-3 g/l **GBdetergent High Conc/3D**
0.5 g/l **GBcid AS** at PH 6

Also you ensure well penetration of the **GB**silicon used

- **GBsoft NF Liquid** is concentrated economical non ionic softner for white and colored fabric gives excellent softness and no yellowing & no changing of the colors of the fabrics,

6 new techniques of silicon resins oustanding new effects

- **GBsmooth-soft silicon Resin SSR** تعطي اعلي نعومه لسطح الخامات و سخاوه
- **GBsmooth- silicon Resin SR** تعطي اعلي نعومه لسطح الخامات
- **GBhydrophilic silicon Resin HR** تعطي سخاوه
- **GBantiscratch-hydrophilic silicon Resin AHR** تعطي سخاوه و مانع للخدش
- **GBanti-scratch- smooth silicon Resin ASR** تعطي اعلي نعومه لسطح الخامات و مانع للخدش
- **GBanti-scratch silicon Resin AR** مانع للخدش

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

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We formulate
German Basic Chemical Products



* using 20 g/l of each of **GBsiliconSKS Plus** & **SKS New** & **GBret GB** & then Calendaring you will get cool touch ,Smooth, Soft & full handle finish !!

*up to date New (economical)finishing tastes :

GBsilicon Supper soft hydrophilic – **GBsilicon Excel (smooth)**

- Using the following up to date recipe you will get degree of smoothness 3.25 & wash fast finish, reducing pilling & reduce slipping & then (IRON FREE) upon washing....

انعم سطح مع ثبات الخواص وتقليل التفزير والوبرة

30-60 g/l **GBsmooth-soft silicon Resin SSR**

10-60g/l **GBret GB****

20-40 g/l **GBpolyethylene PEP/CONC**

2 g/l **GBdetergent High Conc/3D**

X g/l **GBcid AS (PH 5.5-6)**

- liquor pick-up 70 %
- dry-Curing 45 s / 170
- Calender to get more Smooth & cool touch effect

** **GBret GB** The higher amount the better results and more full handle .
For T-Shirt we recommend starting from 20-40 g/l.
For Pants we recommend starting from 40-80 g/l.

* **Dp (degree of smoothness درجة النعومة) of 3.5-4**

If you do :

After washing in open width washer using
1-3 gm **GBdetergent High Conc /3D**
5 MIN. 40 C ,3X rinsing, then 20 g/l **GBsilicon Excel**, drying

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Smoothness (AATCC 124)



Appearance of fabrics after laundering

1 2 3 **3,5** 4 5

Easy-care, easy-to-iron:
Non-iron:

note < 3,25
note > 3,25

tumble dry (td):

washing, centrifuging,
tumbling

machine dry (md):

washing, centrifuging,
drying (clothesline)



Smoothness (AATCC 124)



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