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Associazione Tessile e Salute
Azienda associata

p.IVA 00736390964 C.F. 02639210158 c.c.i.a. Milano n. 927455 Codice ISS azienda 00736390964

LUVISKOL K30/G

Levelling, discharging agent in alkaline environment-reducing agent of dyeing and printing.
Great levelling agent for direct dyes.

Chemical features :	Polyvinylpyrrolidone in aqueous solution
Appearance :	slightly viscous liquid
pH sol. 1:10 :	near 7
Ionic charge :	anionic
Solubility :	mixable even with cold water in every ratio
compatibility :	with all textile auxiliaries
Stability :	its solution are stable to acids, bases, electrolites and to hard water
Foaming power :	Luviskol K30/G does not form any foam.
Features :	he binds dyes strongly, thanks to its affinity, so that they can't mount on the fiber anymore. The presence of Luviskol K30/G shift bath equilibrium to the direction of "dye into the bath" that's why it's the best choice for discharging bath.

Type of Application :

antiwriting effect for polyamide;

anti flocculating agent for titanium dioxide or similar products for matting of synthetic fibers
(dosage = 2-4% of the pigment)

levelling agent for vat dyes 0,05-0,3%

for direct dyes with strong affinity with pale shades:
0,05-0,3%

Dyeing and print discharging : a suitable dispersing agent must be used along with **Luviskol K30/G** , for example Gamol Plus or Gamol WS



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Gamol Plus	=	3%
Caustic soda 36°Bè	=	15-25 cc/l
hydrosulphite	=	5 - 8 gr/l
Luviskol K30/G	=	3 - 5 gr/l

at 60-80°C for 1 hour.

this formula is valid for vat, direct, sulphur and reactive dyes; for vat dyes 2-4 g/l of glucose must be added.

For a better result, it's suggested to work at high liquor ratio; at the end wash and perform a mild oxidizing soaping for remove the discharged dye.

Brightening of dyeing and printing with direct dyes:

Dosage = 0.5-2 g/l soda ash.
1 -3 g/l **Luviskol K30/G**
At the highest liquor ratio at 90-95°C

If dyeing is treated with fixing agent, it must be removed before treating with Luviskol K30/G

Washing of printing with direct and reactive dyes:

Luviskol K30/G avoids : spreading effects on white background;
substantive dyeing can color white discharge effects

Dosage

2- 3 gr/l **Gamol Plus**
0,5-1,5 gr/l **Luviskol K30/G**

Dry cleaner's

adding 4g/l **Luviskol K30/G** to the spotting solution, spreading of color is reduced

Wet cleaner's

When dyes employed to dye or print the material are unknown, it's suggested to add 0,5-1 g/l **Luviskol K30/G** during pre-washing, and 1-3 g/l for washing.

keywords: leveling, discharging, reducing agent, levelling agent, direct dyes, polyamide, degraph, anti-flocculating, vat dyes, indanthren, printing,

The information contained in this circular are given according to our best knowledge and experience, however, given the multiplicity of systems of work and applications we can not assume guarantees for the individual case
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