

Revised on: Jan 2024

BAREL KBN LIQUID

A levelling and dispersing agent having an equalizing effect on the disperse dye due to its fibre swelling action, taking care of streaky dyeing due to different merge numbers and variable tension during texturizing

| | |
|----------------------|--|
| CONSTITUTION | Ethoxylate based product |
| APPEARANCE | Light to Dark brownish liquid |
| IONICITY | Anionic |
| MISCIBILITY | Miscible in water |
| COMPATIBILITY | It is stable to water-hardening substances and to the acid additions that are typically used in dyeing and compatible with all the auxiliaries commonly used in polyester dyeing |

| | |
|-------------------|---|
| HIGHLIGHTS | <ul style="list-style-type: none"> • It produces good levelling action and equalizes the rate of dyeing of disperse dye in the critical temperature region • Improves the dispersion stability of the dye bath • Excellent results in package dyeing of polyester with disperse dyes |
|-------------------|---|

| | |
|--------------------|---|
| APPLICATION | In disperse dyeing the exhaustion of dyes during heating-up phase is not even especially in combination dyes. All the dyes rush to the fibres hence it results in uneven dyeing and marking caused by variations in the affinity of the material especially in polyester filament yarn. BAREL KBN LIQUID has a synchronizing action on the exhaustion of various disperse dye combinations in the heating-up phase and hence results in equalisation or level dyeing in HT rapid-dyeing processes. |
|--------------------|---|

GUIDELINES **DYEING OF 100% TEXTURIZED POLYESTER YARN AND FABRIC**

| | |
|-------------------------|-------------------|
| Dymax PI Liquid | 1.0 – 2.0 gms/lit |
| BAREL KBN LIQUID | 0.5 – 2.0 gms/lit |

Adjust pH to 4.5 – 5.5, treat at 130°C for 60 mins

DYEING – POLYESTER/CELLULOSIC BLENDED FABRIC

| | |
|-------------------------|-------------------|
| Dymax PI Liquid | 1.0 - 2.0 gms/lit |
| BAREL KBN LIQUID | 1.0 - 2.0 gms/lit |

Adjust pH to 4.5 – 5.5, treat at 130°C for 60 mins

GUIDELINES

PRINTING OF POLYESTER WITH DISPERSE DYES

BAREL KBN LIQUID 1.0 %

LEVELLING FAULTY DYEING - YARN AND FABRIC

Gentrate EN 200 Liquid 2.0 %

Dymax PI Liquid 1.0 - 2.0 gms/lit

BAREL KBN LIQUID 2.0 - 5.0 gms/lit

Adjust pH to 4.5 – 5.5 and run in a blank bath for 60 min. at 130°C.
