



Ecotemp

Ecotemp is a leuco sulphur liquid range of dyes dyeable by both, Pad and Exhaust at 45o C with high colour value on the substrate. Due to its low temperature dyeability it is especially suited for fabric overdyeing. These are recommended for Over dyeing of Power Stretch Bottom weights(Denim/ Non Denim) by Pad- Sky route & Slasher/ Rope Dyeing of Fine Count Co.& Sensitive Yarns – Vis/ Modal/ Tencel – Excel

Product Specifications

Liquid dye. No need to be further reduced. Can be applied using conventional Sulfaid Antioxidant IY to maintain leuco form in dyebath. Recipe and process route attached

Key Points on Range

- 11 colours in 4 hues- Blues/ Olives/ Greys/ Black
 - Can be applied by continuous, batch wise exhaust, coating/ printing process routes.***
 - Excellent for Power stretch Fabric over dyeing
 - Current market requirement
 - Good coverage properties
 - After treatment with Denimoz Dyefix S2D by wet finishing process is recommended for better colour retention.
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Dyebath

Denimoz Sequadet FBN – 1.0 g/L
Caustic Soda Flakes – 2.0 g/L
Sulfaid Anti Oxidant IY – 10.0 g/L
Safeaux Hyperwet N-SF – 3 g/L
Ecotemp Colour – x g/L

Parameters

pH – 4.5 +/- 0.2
ORP -250 +/-50 mV
Temperature -45oC
Pad @ 45oC for 10 seconds – Nip
Pad @ 45oC for 10 seconds – Nip
Rinse @ RT for 10 Seconds – Nip
Rinse @ RT for 10 Seconds – Nip DRY

Process Route

Dye Pad @ 45oC for 2-4 seconds – Nip
Aeration for 90 seconds – Nip
Rinse @ RT for 10 seconds – Nip
Rinse @ RT for 10 seconds – Nip
Oxidation
Acetic Acids – 1.0 g/L
Denimoz Neutrabuf OCN – 2.0 g/L
Sulfaid Oxidant ION – 3.0 g/L

Dye Fixing in Wet Finishing Range

DENIMOZ DYEFIX S2D – 15.0 g/L
Dry@150oC



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