100% CO; Bleach, Reactive dyeing Drimaren CL; Medium Shade with HT Drain
Based on Clariant Recommendation

Machine data
- Number of ports: 2
- Number of chambers: 2
- Capacity / chamber kgs: 250
- Liquor ratio pretreatment: 1 : 4
- Liquor ratio dyeing: 1 : 4,00
- Liquor refill ratio: 1 : 0,38
- Liquor direct rinse ltrs/sec: 3,3
- Carry Over: 1 : 2,25
- Blower kW: 45
- Blower Setting: 0,4
- Main winch kW: 3,8
- Saving factor with inverter: 0,6
- Main pump kW: 7,5
- Additions pump kW: 1,5
- Plaiting device kW: 0,75
- Local Hot water supply system °C: 50
- Cold Water Temp. °C: 28
- Nozzle DN: 110
- Nozzle pressure (spray) bar: 3,0
- Speed m/min.: 350
- Cycle time min.: 2,8

Fabric features
- Article: 100% CO knitted
- Process: Drimaren Orange
- Colour: Medium Shade
- gr/lm: 259
- gr/m²: 185
- Width cm: 140
- Tubular cm: 70
- Total capacity kg: 500
- Total meters: 1931

Chemicals
- 0,5% Imerol JSF liq [1] 1 ml/l Ladiequest 1097 N [6]
- 1,2% Sirrix SB liq [1] 50 g/l common salt [6]
- 0,9% NaOH 48 %Be [2] 0,58% Drim.Yell. CL-2R [7]
- 2,5% H₂O₂ 50% [3] 0,05% Drim.Red CL-5B [7]
- 0,47% Drim.Orange CL-3R [7]
- 2,0 ml/l Sirrix NE lig [4] 12 g/l Soda ash [8]
- 0,35% Bactosol SAP liq c [5] 2 ml/l Acetic acid [9]
- 1,5 ml/l Ladiequest 1097 N [10]
- 3 ml/l Imacol C2G Liq. [6]

Results
- Process time min.: 301
- Machine steam kgs: 62
- Hot water steam kgs: 823
- Cold water ltrs: 2445
- Hot water ltrs: 15145
- Water for cooling ** ltrs: 0
- Electricity kWh: 111

Consumption per kg fabric:
- Steam kgs: 1,77
- Water ltrs: 35,18
- Electricity kWh: 0,22
- Compressed air h.m³: 0,07

** cooling water recuperated

The above mentioned process times and consumption figures may vary. They depend on local production conditions, dyehouse utilities as well as the auxiliaries and dyes applied.