

**Save time, water, energy &
– help the environment
– help your bottom line**

REDUCON ACID CONC

**Reduction clearing agent
for disperse dyeing**

REDUCON ACD CONC

Reduction clearing agent in powder form for removal of unfixed disperse dyes from dyed polyester fabrics and prints in acidic medium

Ionic Nature : Non-ionic

Solubility : Easily miscible
in water

Strength, % : 100%

Recommended dosage : 0.5 to 0.75 gpl

Storage stability : 9 months

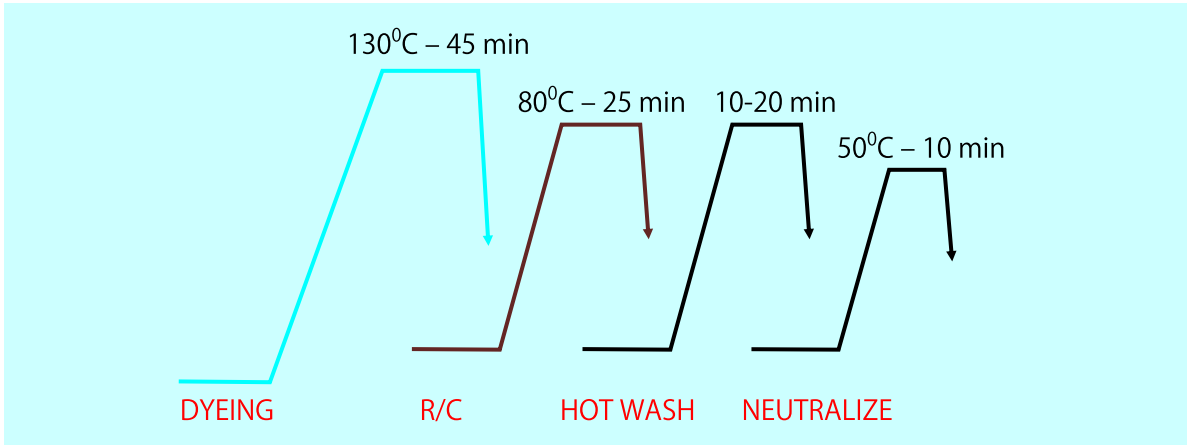
SPECIAL FEATURES

- Concentrated product in powder form : easy to handle.
- Works under acidic pH : alkalifying the bath & fresh post-cleaning or re-acidifying treatment is not required.
- Dyeing followed by reduction clearing **in the same dye bath** : Saves time, energy and water
- Elimination of caustic & hydrosulphite : helps in reduction in TDS of effluent
- APEO free : environmentally friendly

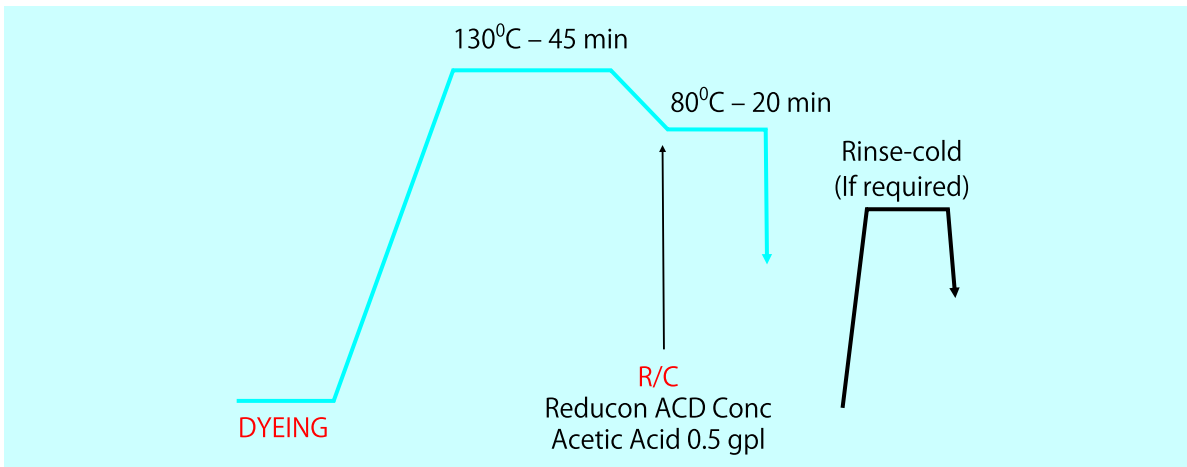


COMPARATIVE EVALUATION:

R/C by Conventional Process (Caustic & Hydrosulphite)



R/C by Sarex Process (Reducon ACD Conc)



Comparative Evaluation:

(Wash fastness study on 100% Polyester by ISO 105 CO3 Method)

Staining on Multifibre							Absorbance	Strength, %	dE	Da	Db	DC
2 g/l Caustic & 2 g/l Hydros	4	4-5	4-5	3-4	4-5	3-4	0.0009	100	-	-	-	-
0.75 g/l Reducon ACD Conc	4-5	4-5	4-5	3-4	4-5	4	0.0063	98	0.394	-0.273	-0.078	-0.248
2 g/l Caustic & 2 g/l Hydros	4	4-5	4-5	4	4-5	4	0.0031	100	-	-	-	-
0.5 g/l Reducon ACD Conc	4-5	4-5	4-5	4	4-5	4-5	0.0098	98	0.588	-0.009	-0.172	0.172