



GREY BOIL SCOUR- Scouring agent for dark dyeing of cotton knits fabric

Grey Boil Scour

Conventionally to save time and chemical cost most of the dyers boils fabric with scouring agent, without caustic and per oxide for dark colour lots such as black, navy ...etc

But due to absence of alkali and improper saponification, effective removal of impurities not possible which results in many quality issues like patchiness, uneven dyeing and dull appearance ... etc.

To overcome above problem

We introduce a unique Composite product Grey boil scour which has following properties

1. Wetting & Scouring
2. Mild Alkali
3. Pectinase enzymes

The Unique combination of above gives following advantages

1. Ensures proper scouring at low pH
2. Effective removal of impurities.
3. No need to add caustic separately.
4. No need of neutralization due to low pH, just in the same bath dyeing can be started.
5. Less TDS due to no caustic
6. Less weight loss

RECIPE / PROCEDURE

Recipe comparison Vs conventional

Item	Standard	Suggested
Scouring agent	1.0 %	
Grey boil scour		1.5%

STEPS:-

MLR – 1:6

- Load fabric
- Raise temp to 55°C
- Add Grey boil well 1.5 % in 10 minutes
- Raise temp to 98°C and run for 40 min (pH of Bath 8.0 -8 .5)
- Drain the half bath or give 5 min rinse and start dyeing
(pH will drop to 7-7.5)

