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PREMETALLISED DYES – IRGALANS

Premets are 2:1 Metal complex dyes. This means that in their chemical structure there are 2 dyestuff molecules linked to each metal atom. These dyes are well known for their uniform dyeing properties and outstanding fastness, especially in pale shades. Another characteristic of Premets is their uniform exhaustion rate across the range. Using them for mixed colours, the dyer will get a steady, even shade build up and dyebath exhaustion during the dyeing process. This means you can accurately reproduce colours very easily. ** Irgalan is the brand name given to Premetallised Dyes by Ciba Geigy.

DYEBATH AUXILIERIES

Ammonium Sulphate
Texacid ECO

DYEBATH METHOD

For 100gms dry, clean fibre you will need
.5gm dye (Pale shade), 1gm dye (Medium shade), 3.5gms dye (Heavy shade)
15mls Texacid ECO
3.5gms Ammonium Sulphate

Dissolve dye with a little hot water. Make dyebath up with Texacid and Ammonium Sulphate. Wet the fibre and add to the dyebath. Allow it to sit for a few minutes to allow the chemicals to penetrate it then add dye solution and slowly bring it to the boil over the next 30 – 60 mins. Stir gently to avoid unevenness. After the dyebath has exhausted, continue to lightly simmer for a further 15 mins then allow it to cool before removing fibre. Rinse in warm clean water then wash to remove any unfixed dye.