

LIONFIX 791

COMPOSITION:

Quaternary Polyamide Fixing Agent for Anionic Dyes.

SPECIFICATIONS

Appearance	Light Amber Liquid
Activity	38 - 40%
Charge	Cationic
Density (Lb/Gal)	8.0 (\pm 0.2)
pH (10% Solution)	7.0 – 9.0
Storage Stability	1 Year at Room Temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Not Sensitive to Freezing. After freezing heat to 25°C to 30°C and mix well until homogeneous.
Lightfastness	Good
Electrolyte Stability	Good
Emulsification	Mix before use. Readily soluble in warm water. Emulsify 1:4 at 40°C to 60°C

KEY PROPERTIES:

Lionfix 791 is a cationic, nearly clear and colorless liquid of low viscosity.

It should be used for the intermediate and final fixation of anionic dyes, fatliquors and retanning agents.

By using Lionfix 791 the wet properties (especially against washing and perspiration) are improved.

With intermediate fixation between the dyeings, the dye shade will turn deeper.

There is no problem in combining Lionfix 791 with nonionic and cationic products.

APPLICATIONS:

All percentages based on Blue Shaved Weight

For an intermediate fixation use 0.3 - 0.6% Lionfix 791 based on shaved weight or 1.0 - 2.0% based on dry weight. Lionfix 791 should be added before the addition of the second dye in a new float, or a well exhausted float, at 100 - 130F. The running time should be 15-20 minutes.

For the final fixation add 0.5 - 1.0% Lionfix 791 based on shaved weight or 1.0 - 1.5% on dry weight in a new float at 100F. The running time should be 20-30 minutes.

For a better distribution of Lionfix 791, the product should be diluted 1:10.

For fixation, it is better to work in a new float because Lionfix 791 is a strong cationic product and with anionic dyes, fatliquors and retanning agents it could cause precipitation.