LIGNIN BLUE IH

Anionic (direct) liquid paper dye — Blue — Product Data Sheet

Description

LIGNIN BLUE IH is a ready-to-use anionic liquid dye for colouring pulp at the wet end of the paper machine. Neutralises the yellow cast of pulp; grey and blue board shades. The dyestuff is imported from Turkey and formulated in Shiraz into a uniform liquid dye of consistent strength.

General properties

Dye class	Anionic (direct)
Form	Ready-to-use liquid; dosed directly with a metering pump
Applications	Grey and grey-back board, blue board, shade correction of recycled paper
Compatibility	Can be blended with the other LIGNIN anionic dyes (yellow, red, blue, black); do not mix with cationic dyes in the same container
Fixing	Alum in acidic systems or a cationic fixative in neutral/alkaline systems
Quantitative data	Strength, density and pH of each batch are stated on the Certificate of Analysis supplied with the shipment
Packaging	Gallons, drums and IBC tanks

Application guidelines

- Addition point: usually after refining and before the fan pump, where the stock is dilute and mixing is good.
- Dosage: from a few hundred grams up to several kilograms of liquid dye per tonne of dry paper, depending on the target shade; the exact dose is set during the first machine trial.
- Sequence: dye first, then alum or fixative after a short interval; white water should stay almost colourless.
- High water hardness and pH swings can shift the shade; check both before changing the dose.

Storage and safety

- Store in closed containers, away from direct sunlight and frost; stir before use.
- Avoid contact with skin and eyes; wear gloves and safety glasses. A Safety Data Sheet (SDS) is available on request.

Shade matching to your submitted sample: send a piece of the target paper or a pulp sample; the LIGNIN laboratory matches the shade on your own pulp and sends the sample dye for a machine trial. This sheet is a guide; conditions for each line are set during the first trial.