

Garment Processing Chemicals

PIDA BLUE TONE – 2B BI

Pida Blue Tone – 2B BI is a fluorescent brightener which yields outstanding white effects with a bluish white shade on celluloses materials.

Physical Appearance	:	Light brown/Yellow liquid
Chemical Constitution	:	Stilbene derivative.
C.I. No.	:	Brightener 220
Ionic Nature	:	Anionic.
Solubility in Water	:	Soluble in all proportion in water.
pH of 10% Aqueous Soln.	:	8-10
Shade	:	Bluish.
Application	:	Suitable for cellulose fabric in pad and exhaustion treatment.
Doses	:	0.1 to 0.8 % on the weight of dry fabric.
Compatibility	:	Not compatible cationic auxiliaries.
Stability in the liquors	:	i)hypochlorite bleaching liquors -not stable ii)Sodium chlorite bleaching liquors –not stable iii)peroxide bleaching liquors - good iv)reductive bleaching liquors -good(hydrosulphite-based) v)acids -below pH-3.5 not stable vi)alkali - good
Stability on fabric	:	i)hypochlorite bleaching liquors -good ii)Sodium chlorite bleaching liquors –not stable iii)peroxide bleaching liquors good iv)reductive bleaching liquors –good (hydrosulphite-based) v)acids -below pH-3 not stable vi)alkali - good
Fastness properties	:	i) light fastness - 3-4 ii)washing fastness in water- 4 iii)washing fastness in mech. 40°C- 5 iv)washing fastness in mech. 60°C- 4-5 v)washing fastness in mech. 95°C- 4 vi)washing fastness Sea water- 5
Storage stability	:	Stable if stored away from sunlight under roof in cool conditions.
Toxicology & Ecology	:	Pida Blue Tone – 2B BI doesn't yield any special hazard when used for the recommended applications provided the usual preliminary safety and hygiene rules for handling chemicals are observed.