

BURCO® ACID VS-1



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pH Control for Acid Dyes on Polyamide

Customer Technical Service

Providing Textile Innovations

What it does . . . Benefits and Features

- Provides controlled reduction of dyebath pH to strongly acidic conditions of 4.0 – 4.5 without the addition of acid
- Promotes level dyeing of acid dyes on polyamide
- Saves cycle time by the elimination of acid additions to exhaust acid dyes
- More controllable than traditional ammonium sulfate and/or acid pH additions at dyeing temperature

How it's used . . . Effective Application

Ideal for jets, becks, package, stock, and beam dyeing machines.

For batch application, typical uses are 1.0 to 2.5 g/L. The starting dyebath pH is adjusted to neutral-to-alkaline conditions with soda ash.

Concentrations may vary with the pH influence of water, chemicals, and dyes.

What it is . . . Physical Properties

Appearance:	Clear liquid
pH (10 g/L solution):	4.0
Ionic Nature:	Anionic
Specific Gravity:	1.15 g/cm ³
Dilution:	Dilute with water at 27 – 38C (80 – 100F) at required time of use

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