

ARCOSTABIL PS-G

Stabilizer for peroxide bleaching in liquor

Properties

- is free of foam in the process.
- is compatible with anionic and nonionic products.
- offers an increased absorbency to bleached fabrics.
- is a stabilizer for cold and hot peroxide bleaching.
- has an excellent sequestering power for heavy metal ions.
- is applicable in jet machines, because of its low foaming properties at temp. above 50°C.
- is resistant to acids, alkaline, electrolytes and water hardness at all temperatures.

Characteristics

Type of product : phosphonates and carboxylates compound, anionic

Appearance : clear yellowish liquid

pH of 1% sol. : slightly alkaline

Application

ARCOSTABIL PS-G is a special stabilizer for peroxide bleaching processes for textiles made of cotton and its blends. It forms addition compounds with hydrogen peroxide, thus decelerating its decomposition. Then it helps avoiding oxygen loss and fiber damage. It is a stabilizing of alkaline bleaching liquors at temperatures below 100°C and HT conditions. In alkaline bleaching with **ARCOSTABIL PS-G** the process can be effected silicate free in continue apparatus and in long liquors. **ARCOSTABIL PS-G** is used for the peroxide cold pad-batch bleach, the peroxide immersion bleach as well as for the common discontinuous, semi-continuous and continuous peroxide bleaching processes. **ARCOSTABIL PS-G** is added to bleaching bath prior to alkali and hydrogen peroxide.

The using amount is generally recommended 10-30% related to the quantity of peroxide 35%.

Storage stability : 12 months in closed original containers.