



KOHANTAJ

Kohan Wet Diamond

Wetting soap with controlled foaming

Physical Properties

Chemical composition: Mixture of surfactants with low foaming

Appearance: Colorless viscous liquid

Ionic structure: Nonionic

pH: 5

Active content: 47%

Solubility: Easily soluble in cold water at any ratio

Advantages

- **Wet Kohan Diamond** is a fast-acting wetting agent that eliminates air and foam in the bath. At lower dosages, it is an excellent leveling agent.
- It enhances bleaching and hydrophilicity in cotton fabrics as an effective oil remover. usable in the same bath for dyeing dark shades.
- Has the minimum foam.
- Thanks to its dispersing and emulsifying properties, it prevents sedimentation of impurities such as oils, waxes, pectin, and other fats in the fibers to enhance the final cleaning performance.
- It increases hydrophilicity by eliminating trapped air in bobbin dyeing. it uniforms color across the yarn and surface through even penetration.
- Has excellent penetration properties in foulard, thermosol, batch pad, and pad-steam systems.
- After bleaching It has excellent hydrophilicity compare to other products.

Application

➤ In exhaust system

- Kohan Wet Diamond 0.7-1.5 g/l
- 95°C
- 45 minutes.

➤ In cold batch system



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- Kohan Wet Diamond 3-5 g/l of
- **Dyeing system without bleaching for dark shades:**
 - Kohan Wet Diamond 2-4 g/l
 - 60°C
 - 30 minutes.
- **Continuous, thermosol, batch pad, pad-steam:**
 - Kohan Wet Diamond 2-4 g/l
 - 95°C
 - 45 minutes.
- **As leveling agent in dyeing process:**
 - Kohan Wet Diamond 0.3 - 0.5 g/l

After adding the dye, add Kohan Wet Diamond to bath at room temperature. Then, gradually raise the temperature to 60 °C and add the salt in several steps. Finally, add the carbonate slowly at room temperature.

Packaging and Storage

- Available in 110 kg plastic drums.
- It can be stored in original containers at room temperature for 6 months.