

AVCO-SIZE BHN

SIZING AGENT FOR WOOVEN.

AVCO-SIZE BHN is a new product using the latest synthetization techniques. It is one of the most cost effective, eco-friendly and efficient product for sizing warp yarn.

AVCO-SIZE BHN is easily desized by washing with hot water at 80-90°C.

SPECIFICATION:

Appearance	White crystal powder.
Chemical nature	Low molecular weight synthetic sizes.
Ionic nature	Weak anionic.
Solubility	Completely water-soluble.
Compatibility	Compatible with all anionic and nonionic chemical.
Storage	0 - 40°C. Shelf life is at least 12 months. After long storage agitate content of drums before use.

PROPERTIES & USES:

I. PERFORMANCE:

1. Easy to handle and completely water soluble.
2. Allow higher weaving efficiencies.
3. Excellent lubricant and non-foaming.
4. Desizing greatly facilitated.
5. Compatible with all kinds of yarn and looms except water jet looms.
6. Resistant to bacterial attack.
7. Resistant to high humidity level.
8. Use 4-5 times less than starch.
9. Use 2-5 times less than PVA.

II. ECOLOGICAL CONSIDERATIONS:

- ✓ Very low environment impact.
- ✓ Reduce BOD and COD.
- ✓ Decrease 5-10 times sludge formation.

Technical – Information

	COD value(mg O ₂ /g)	Biological eliminability(%)- OCDE 302B
Starch	1050	95
CMS	950	90
PVA	1750	90
CMC	900	90
AVCO-SIZE N	900	90
Was	2800	90

APPLICATION:

AVCO-SIZE BHN is recommend use together with AVCOSIZE BHN in order to replace the compound starch and PVA partially or completely.

Process: add AVCO-SIZE BHN and AVCOSIZE BHN to water at room temperature, mixing and heating to 95°C, keep for 20 minutes to dissolve 100%, check viscosity, size content before pump to sizing machine.