



Woven Brake Lining Yarns

✚ Description:

In order to reach the technical standards of non-asbestos woven brake linings in the world market, our R & D team developed successfully a new type of yarn (BZ-WL1228) on the basis of our years of technical accumulation, research and cooperation with foreign and domestic customers. Various performance indicators of woven brake linings made of our yarn have showed good features of high temperature resistance, low wear rate, high tensile strength and flexibility and remarkable durability, which reached the level of similar foreign products and lead China in the same industry.

To ensure the follow-up process and product performance, we have had in-depth study of raw materials, production process and yarn properties

✚ Raw Materials:

Pretreated high temperature resistance E-glass, acrylic and viscose fibre and brass wire.

✚ Spinning Process:

Advanced Dref spinning after mixing raw materials several times and combining them with heat resistant materials.

✚ Yarn Characters:

- * Irregular rate of long and short terms: $\leq 3\%$
- Loss on ignition: $\leq 25\%$ (better than asbestos yarn).
- Without knots: Joined by machines instead of hand, keeping the same thickness of the yarn.
- Good impregnation: Resin bonds easily the pretreated chopped glass fibre.
- Aramid fibre can be replaced by the pretreated high temperature chopped glass fibre in some way.

✚ Note:

- Anti-static overalls and mask are necessary for protection against pretreated chopped glass fibre.
- Spraying can be applied in weaving process.

To meet the requirements of world market, we hope to collaborate with foreign and domestic companies to research and develop new types of non-asbestos brake lining with high temperature and abrasion resistance.