**毛纺助剂wool auxiliaries**

**抱合力增进剂HD-W9103**

**Cohesion improverHD-W9103**

**概述:** 本产品适用于羊毛、涤纶、棉、天丝、麻、兔毛等各类纤维纺纱时提升纤维间的抱合力，增加可纺性，提高制成率。本品可单独使用，也可与润滑油剂同时使用。

**Summary:** This product is suitable for wool, pet, cotton fabric, tencel, flax, and other kinds of rabbit hair fiber in spinning enhance the cohesive force between the fibers, increase the spinnability, improve the yield rate. This product can be used alone can also with the use of lubricating oils at the same time.

**理化性状:**

外观:清澈至微黄色透明液体 PH值:8-10(1%水溶液)

电离性:阴离子型 溶解性:易溶于水

**Physicochemical properties:**

Appearance: clear and transparent liquid faintly yellow.

PH: 8-10 (1% aqueous solution).

Ionizing: anionic .

Solubility: soluble in water.

**产品特性:**

1、本品易乳化，易清洗、耐酸、耐碱，具有优良的抗静电性、集束性及平滑性;

2、本品可单独使用，也可与润滑油剂同时使用;

3、本品水溶性优良，容易去除。

**Product Features:**

1. This product is easily emulsify and easy cleaning, acid resistance, alkali resistance, excellent antistatic property, cluster and smoothness.

2. This product can be used alone can also with the use of lubricating oils at the same time.

3. The product has excellent water solubility, easy to remove.

**使用方法:**

适合于天然和合成纤维，可与和毛油以及抗静电剂一起使用。配制工作液时，先将和毛油与抗静电剂溶解好，再将抱合力增进剂HD-W9103慢慢加入到工作液，并且边加边搅拌，将该稀释液直喷洒至需要加工的纤维表面，充分混均匀梳理，HD-W9103的用量随工艺而不同，推荐用量如下:

(1)精纺纺纱工艺:HD-W9103用量为0.2~0.5%o.w f,全毛纺纱用量适当偏低，混纺纤维偏高;

(2)精纺纺纱工艺:粗纺纤维较短，对抱合力要求更高，因此HD-W9103用量较精纺高，推荐用量为1~2%。

o.w.f, 同样，全毛纺纱用量可低一些，而混纺时用量偏高一些。用于摩擦系数更低的纤维，例如兔毛、水貂毛等，可在上述推荐用量的基础上增加0.2~0.5%o.w.f.

**Directions for Use:**

Suitable for natural and synthetic fibers, used in conjunction with and crude oil as well as antistatic agent. The time of preparation of the working fluid, Firstly, and crude oil and dissolved, and antistatic agent Then the cohesion promotion agent HD-W9103 slowly added to the working fluid, And the plus side of stirring, the direct spray to the need for dilution of the fiber surface, fully mixed evenly, and the amount of HD-W9103 with the process, and the recommended dose is as follows:

(1) A worsted spinning technology: HD-W9103 the dosage of 0.2%~ 0.5%% o. w. f.. The appropriate low dosage of pure wool yarn. blended fiber is high.

(2) The woollen spinning process: Coarse woolen fabric shorter, more demanding on cohesion, and therefore HD-W9103 amount of worsted high, the recommended dosage is 1%~ 2%% o.W. F. Similarly, the amount of wool yarn can be as low as some, but the amount of blended yarn are higher. For the lower friction coefficient of fiber, such as rabbit hair, mink hair etc ., Can be the basis of the above recommended dosage of 0.2%~0.5%% o.w.f.