



TECHNICAL INFORMATION

Neosize DN1000

Sizing agent used for Cotton and their blends

- Neosize DN 1000 is sizing agent for all type denim production
- Increase the cohesion, wear and yarn coating resistance of fibers.
- Highly repeatable
- Does not effect on humidity changes.

PROPERTIES

Appearance	White granules
Structure	Mixture of natural and synthetic polymers
pH	Neutral
Solubility	Miscible with cold and warm water in all proportions
Viscosity	~50-100 cps (Brookfield)
(at 85C, 10% soln.)	~18-22 sec (Fordcup 4)

AREA OF APPLICATION

It is suitable in use all the types of yarns of denim production

CONTENT OF APPLICATION

1. Scouring of sizing

Neosize D 100 is a polymer that has easily soluble structure in water. It can be added while mixing cold water.

When adding in warm water, if the mixing rate is insufficient Neosize DN1000 could be some clumps in solution may occurs.

Solution must continuously stirs and scours at range of 95-97 oC. Also according to operating machine solution should be stirs approxiametly 20-30 minutes continuously.

Neosize DN 1000 has defoaming agent in its structure. But while mixing the Neosize DN1000 solution foaming occurs, non-silicone based defoaming agents could be added to the sizing solution.

During the scouring some critical points sholu be consider:

- High temperatures does not cause any problems hence there could be some foaming occurs.
- Avoid the unsuffiecient mixing equipments. Unsuffiecient equipments could be cause clumps and air inlet in sizing solutions.
- If defoaming agent addition is needed, addition recommended with Neosize DN1000 in to the solution.
- If you keep Neosize DN1000 solutions more than 24 hours, antibacterial agent addition recommended.



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2. De-sizing

Desizing of fabrics that sized with Neosize DN 1000 ,high temperature and exceeds amount of water is suffiecient. In different types of machines desizing operations could be applied to fabrics.

Removing of sizing agent water temperature, ration of water amount used in processes are important parameters.

Due to type of machine duration and process temperature chould be changes. Wetting agents could be added to bath liquor. On the other hand bath liquor pH must always controlled and it should be below under pH 9.

PRECAUTIONS

Storage: Under normal conditions 12 months

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