



Technical Data Sheet

AKD SURFACE SIZING AGENT

I. Technical index

Appearance :Milky white liquid

Solid content :27±0.5%

PH:3—5

Viscosity (25℃) :≤100CPS

Ionicity :Cationic

Dispersion:Easy to disperse in cold water

Shelf life:Three months

II. Uses and effects

- 1.This product can improve paper water resistance, improve the gloss and strength of the paper, have low yellowing value, and reduce the brittleness of the paper.
- 2.Improve the printability of paper, increase the retention rate of fine fibers and fillers, and reduce pulp consumption.
- 3.Simplify the sizing process, improve the papermaking performance of the paper machine, will not produce papermaking obstacles, and the curing speed is fast.
- 4.Neutral papermaking reduces equipment corrosion and prolongs equipment service life.

III. Instructions

- 1.This product can be used in a wide range of PH value (6-9), suitable for wood pulp, bamboo pulp, recycled paper pulp, wheat straw pulp, reed pulp, cotton stalk pulp, etc.
- 2.The addition amount is generally 5-15 kg, and it is usually added continuously through the metering pump at the slurry box or mixing box during use.
- 3.Before using this product, if it is a prerequisite for acid papermaking, the equipment and pipes should be cleaned. When the slurry PH value is less than 6, a small amount of soda ash or caustic soda can be added to adjust.

IV. packaging and storage

Packed in 1000kg drum, placed in a cool, ventilated and dry place