

Crosfield Textiles Chemicals (I) Pvt. Ltd

CELSIZE PVS

MULTIFUNCTIONAL SIZES

CELSIZE PVS comprises of acetylated starch and a little part of additives, used to slash warps in textile. CMS is of high degree of substitute after chemical modification, prone to hydrophobic nature. It behaves well in sizing yarn made of pure cotton, rayon fibers.

CELSIZE PVS is able to totally replace other sizing materials such as PVA, poly-acrylates, probably solely applied to fine and high-setting fabric without other accessory.

CHARACTERISTICS	BENEFITS
Starch derivatives with high adhesive properties	Specially designed for the typical cotton fabric. In slashing fine and high density fabrics, it works as main sizes to slash yarns which perform perfectly in weaving.
Improved film property	Reduces the hairiness in splitting and protects the film of yarn from abrasion.
Versatile film Performance	Its film performs with higher strength, smooth abrasion and good elongation , is slightly similar to PVA
Solubility	Completely dispersible in water and easily be desized

PROPERTIES

Physical Appearance: White or pale yellow granule or powder

pH index 6-7

efficient component: > 86%

Viscosity: 4-8 mPa.S (measured by revolving meter in model NDJ-79, 6% aquatic slurry,95°C)

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APPLICATION

Cooking –

Normal cooker – Slowly add Celsize in water under stirring. Stir for 15 mins. at room temperature. Start heating. Cook it for 30 mins at 90 – 95^oC

Desizing –

Pad batch enzymatic Desizing -

0.3 - 1 ml/kg Biobact Conc.

3 - 5 ml/kg Crosprep WBEN

0 – 2 ml/kg Crosquest H

Liquor pick up : 100%

Impregnation temperature: 30 – 90^oC

Batching time: 4 – 24 hr

Hot wash off

Discontinuous Enzymatic Desizing -

0.1- 0.8 ml/kg. Biobact Conc.

0.5 – 2.0 ml/kg Crosprep WBEN or Croscur HPJS

Liquor ratio: 4 : 1 – 20 : 1

30 –60 min at 60 – 90^oC

Hot wash off.

PACKAGE AND STORAGE

Net weight is 25 kilos per bag whose envelop is made of multilayer paper coated with polyethylene. Storage in a condition of low temperature and water proofed is preferred.

ATTENTION

The information given above is in line with our present state of knowledge and experience and is without any guarantee. Users must thoroughly test any application before any commercialization. We are not liable for damages due to improper application of our products.