Crosfield Textiles Chemicals (I) Pvt. Ltd

CELSIZE PVR

Starch Derivatives

CELSIZE PVR is a sort of high technology grafted starch. Addition of some polymers may partially or totally replace PVA in slashing. Adding the cohesion of other sizing material with cotton fibers, with medium viscosity to suit optimum efficiency.

CHARACTERISTICS	BENEFITS
Hit-technology grafted starch	Provide good cohesive with cotton fibres.
Improved film property	Reduces the mass of hairiness in splitting and protects the film of yarn complete
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
Physical condition	The physical condition in solid is optical for storage and transportation

PROPERTIES

Physical Appearance: White or pale yellow granule or powder

pH index   6-8

Volatile content: < 14%

Viscosity: L : 4-8 mPa.S
                                          M : 8-12 mPa.S (measured with NDJ-79, 6% 95°C)
                                          H : 12-16 mPa.S

Viscose stability: > 85% (Cooking within 3 hrs., 6% 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 40 mins at 90 – 95^{0}C

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^{0}C
      Batching time: 4 – 24 h
      Hot wash off

Discontinuous Enzymatic Desizing -
      0.1- 0.8 ml/kg. Biobact Conc.
      0.5 – 2.0   ml/kg   Crosprep WBEN or Croscour HPJS
      Liquor ratio: 4 : 1 – 20 : 1
      30 –60 min at 60 – 90^{0}C
      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.