

# Crosfield Textiles Chemicals (I) Pvt. Ltd

## CELSIZE HW

### Starch Derivatives

CELSIZE HW 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
High technology grafted starch	Provide good cohesive with cotton fibers. Hot water desizable.
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 (1% Dilution)	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°C

### **Desizing –**

**Desize** in hot water (90°C) for 30Min. Addition of 2-5gpl of scouring agent will have better result.

## **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.