



Technical Data Sheet

CELPOLY[®] CD50

Cellulose Ether Sodium Carboxy Methyl Cellulose

CELPOLY[®] CD50 can be used as fouling resistance and depositional agent, which can prevent the fouling from adhering to the textile when it is washed with the synthetic detergent. You can get the perfect result by adding 0.5-2.0% CELPOLY[®] CD50 to the synthetic detergent. When it is used in liquid or pasty detergent, it can improve the stability and thickening the detergent.

Product introduction

Name	Sodium Carboxy Methyl Cellulose
Appearance	White or yellowish powder

Product Specification

Substitution degree	0.70 Min.	Moisture	≤10.0 %
Purity	≥90 %	PH (25℃, 1% solution)	6.0-8.5
Viscosity	≥3000 mPa.s		
2% Soln. dry basis, 25℃, Brookfield			

Properties in detergent

High and uniform of the degree of substitution, good transparency
Good dispersion, stop the re-deposition of dirt particles
High viscosity, good stability, with excellent thickening and emulsification effect

Packing

CELPOLY[®] is packed in 25 kg multilayer paper bag with intermediate layer and inner P.E. bag.

Storage and Safety instructions

When stored in closed containers, or in its original packaging in a dry place at room temperature, CELPOLY[®] can be kept for a long time. In the case of high viscosity grades, a slow loss of viscosity can be measured after lengthy storage (>1 year). CELPOLY[®] absorbs water from moist air. Once opened, package must be resealed and kept tightly closed.

Cellulose ethers constitute a dust explosion hazard. Dust formation and deposits must be kept to a minimum so that no ignitable dust/air mixtures can form. Ignition sources such as naked flames, hot surfaces, spark and static electricity should be avoided. CELPOLY[®] starts to decompose at about 200°C. Its ignition temperature is >360°C. It burns easily and the fire may spread.