Midso Chemical Industry

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Product technical data sheet

MIDTEX TC90

MIDTEX TC90 is a medium viscosity Carboxymethyl Cellulose designed for application in textile industry. This material is dispersible in cold and hot water.

Specification

Viscosity (2%)	:	800-1300 c.p.
Viscosity at 25°C (Brookfield LV)		
DS	:	0.7 - 0.8
Humidity	:	max 8%
Purity	:	min 90%
pH	:	6.5 – 8.5

Packaging

MIDTEX TC90 is packed in FFS three layer Polyethylene bags. Net weight is 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

Application

In the textile industry, Sodium Carboxymethyl Cellulose CMC can act as the sizing agent for the warp sizing of fabrics including cotton, gloria, chemical fiber and blend. The print paste of rayon fiber usually contains cleaning solvent with high boiling point, dye, water and enough thickening agents. Sodium Carboxymethyl Cellulose CMC is the thickening agent as well as the emulsifying agent, so it helps to uniformly mix the dye with high boiling point cleaning solvent with as well as to stabilize the dye suspension and thus to prevent the occurrence of sedimentation and the formation of foam in storage.

Safety instructions, Storage and Shelf Life

Like many industrial processed powdery materials, Carboxymethyl Cellulose dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface. In unopened bags, under cool, dry condition in original packaging, MIDTEX TC90 can be stored for at least 2 years. In opened bags, the moisture content of MIDTEX TC90 will be influenced by the air humidity.