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# **Technical Data Sheet**

# Hydroxypropyl Methyl Cellulose HPMC E 50

## 1 Description

**HPMC E 50** PVC grade is low viscosity Hydroxypropyl Methyl Cellulose (HPMC) which is designed for using in a wide range of PVC applications.

## 2 **Physical Analysis**

Appearance White to slightly off-white fibrous :

or granular powder.

Identification A to E: ConformSolution appearance: ConformMethoxy: 28.0-30.0%Hydroxypropoxy: 7.0-12.0%Loss on drying: 5.0% MaxResidue on ignition: 1.5% MaxpH: 5.0-8.0

Apparent viscosity : 40.0-60.0cps

Particle size : Min. 98% pass through 100 mesh

## 3 **Heavy Metals**

Heavy Metal: $\leq 10$ ppmArsenic: $\leq 3$ ppmLead: $\leq 3$ ppmMercury: $\leq 1$ ppmCadmium: $\leq 1$ ppm

### 4 Micro bacteria

Total plate count :  $\leq 1000 \text{cfu/g}$ Yeast and Mould :  $\leq 100 \text{cfu/g}$ Coli form : Absent/g Salmonella : Absent/g

## 5 Packaging

25kg fibre drum with inner liner.

### 6 Regulation

Meets all requirements of Hydroxypropyl Methyl Cellulose 2910.

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