

# Technical Data Sheet

## Hydroxypropyl Methyl Cellulose

### HPMC K 100

#### 1 Description

**HPMC K 100** 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 | : | Conform   |
| Solution appearance   | : | Conform   |
| Methoxy               | : | 19.0-24.0%  |
| Hydroxypropoxy        | : | 4.0-12.0%   |
| Loss on drying        | : | 5.0% Max  |
| Residue on ignition   | : | 1.5% Max  |
| pH                    | : | 5.0-8.0   |
| Apparent viscosity    | : | 80.0-120.0cps   |
| Particle size         | : | Min. 98% pass through 100 mesh                          |

#### 3 Heavy Metals

|             |   |        |
|-------------|---|--------|
| Heavy Metal | : | ≤10ppm |
| Arsenic     | : | ≤3ppm  |
| Lead        | : | ≤3ppm  |
| Mercury     | : | ≤1ppm  |
| Cadmium     | : | ≤1ppm  |

#### 4 Micro bacteria

|                   |   |            |
|-------------------|---|------------|
| Total plate count | : | ≤1000cfu/g |
| Yeast and Mould   | : | ≤100cfu/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 2208.