

Technical Data Sheet

Hydroxypropyl Methyl Cellulose

HPMC F 50

1 **Description**

HPMC F 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	:	Conform
Solution appearance	:	Conform
Methoxy	:	27.0-30.0%
Hydroxypropoxy	:	4.0-7.5%
Loss on drying	:	5.0% Max
Residue on ignition	:	1.5% Max
pH	:	5.0-8.0
Apparent viscosity	:	40-60cps
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 2906.