

TDS

[Technical Information]

HPMC POWDER

1. About product:-

Name of product-HYDROXYL PROPYL METHYL CELLULOSE (HPMC)

CAS No. - 9004-65-3

- ✓ Hydroxypropyl Methylcellulose (HPMC) is multifunctional as a lubricant, foam enhancer and stabilizer, thickener emulsion stabilizer and film former for hair and skin care products. HPMC is especially useful in surfactant systems for its foam enhancing properties, helping with the formation of bubble structure, leading to richer, longer lasting lather. HPMC has a high tolerance for both salt and alcohol.

2. Physical and chemical data sheet:-

- ✓ **Appearance** : Off-white granular powder
- ✓ **Solubility** : Soluble in water
- ✓ **Viscosity (2% solution, dry)** : 7,500 - 14,000 mPa.s
- ✓ **pH** : 5.0 - 8.0
- ✓ **Chemical Charge** : Non-ionic
- ✓ **Shelf Life** : 1-3 years, retest viscosity after 1 year

3. Application:

HPMC is industrial grade cellulose ether and mainly used to construction industry as following:

- ✓ Wall putty, skim coat
- ✓ Cement based tile adhesive, Thin set adhesive mortar
- ✓ Gypsum based plasters/renders, dry mix mortars

4. Storage:

- ✓ Store in dry and ventilated place, Indocell HPMC 7100 can be stored for several years without opening bags.

5. Packing:

- ✓ 25KG PP woven bag with inner PE film bag