

## Technical Data Sheet

**Chemical name: Starch Ether**

**CAS No.:9049-76-7**

### Description

CPT starch ether is a kind of chemical modified starch without plasticizer and organic solvent. Its appearance is white powder. Compared with other materials, it has good compatibility.

CPT starch ether is compatible with other buildings admixtures, especially suitable for construction dry mix such as mortar, adhesive, and plaster. Combined together with methyl cellulose in the building dry mix, they can realize higher thickening, stronger structure, sag resistance and workability. The viscosity of mortars, binders, and plasters containing higher methyl cellulose ethers can be reduced by the addition of starch ethers.

### Characteristic:

1. Very good fast thickening ability, medium viscosity, certain water retention;
2. Small dosage, the extremely low addition amount can achieve high effect;
3. Improve the material's own ability to resist sag;
4. It has good lubricating property, can improve the workability of the material and make the operation smoother.

### Application:

Widely used in all kinds of (cement-based, gypsum-based, and grey calcium base) interior and exterior wall putty; all kinds of finish mortar and plaster mortar. Such as gypsum plaster, tile adhesive and masonry mortars.

### Technical Data

Appearance	white powder, free-flowing
Solid content	≥98.0%
Solubility	can dissolve in the cold water
Ph Value(3.75%, 25°C)	Alkaline, 8.0-11.5
Viscosity (5%, 20°C aqueous solution )	400-1200mpa.s
Moisture	≤1.0
Fineness	≤500μm

### Usage/Storage

0.05~0.15% of mortar materials

The product is hygroscopic, must be stored in a dry, cool place maintain the original packaging, preferably within 12 months.

Note: the specific additions need to be debugged based on actual materials and formulations to achieve the optimal performance.

### Package

25KG/bag

*All of data, suggestions, and proposals presented here are based on our current knowledge and experience in raw materials and application technologies, which do exclude the responsibility of users to scrutinize the quality of all received products. Because we are out of control of quality in users' raw materials, production and application methods, service conditions as well as local standards, our suggestions and proposals do not imply any guarantee and promise for end end product quality. The users should be responsible for formulation adjustment according to real conditions to meet project quality requirements.*