



TANG ZHI TECHNOLOGY (HEBEI) CO., LTD

Technical Data Sheet

Hydroxypropyl Starch Ether (HPS)

Description:

Hydroxypropyl Starch Ether (HPS) is a kind of non-ionic thickener and gelling agent made from natural Starch by chemical modification. It is stable to acid and alkali, its gelling temperature is lower than that of native starch, and its viscosity change in cold and hot conditions is more stable than that of native starch. Mixing with salt, sucrose, etc. has no effect on viscosity.

Specifications:

Item	Specification
Appearance	White powder
Moisture	≅ 10.0%
pH Value (pH)	9.0-11.0
ParticleSize (Through80mesh)	≅ 95%
Wet sample viscosity	400-5000mPa·s
Hydroxypropyl content	13.0%-19.0%
Ash content	≅ 10.0%

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Application Range:

It is widely used in construction, food, medicine and personal care and other fields.

- Tile adhesive - Cement - Exterior wall putty

- Gypsum - Plastering mortar - Stone adhesive

- Self-leveling mortar - Oil extraction

- External wall insulation system bonding mortar

- External wall insulation system plastering mortar

Packaging:

1. 25KGS/bag, OPP/PP/PE bag inside, weaving bag/paper bag/carton barrel outside
2. 20'FCL: 10 tons with pallets, 13 tons without pallets
3. 40'FCL: 24 tons with pallets, 28 tons without pallets

Storage and Shelf Life:

Stored under cool and dry conditions in original packaging. Away from heat sources. Shelf life is 2 years.

Safety Notes:

The data above is in accordance with the present state of our knowledge, but don't absolve the users carefully checking it all immediately on receipt.

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