

TECHNICAL DATA SHEET(TDS)

1. Product Description

Hydroxypropyl starch ether (HPS DG301) is a natural plant as raw material, modified, highly etherified, and then spray dried to obtain a white fine powder. It is completely different from ordinary starch or modified starch.

2. Physical & Chemical Properties

Appearance	White powder
Hydroxypropoxy %	18-32
PH @25C	5.0- 11
Loss on drying %	≤ 10.5
ASH %	≤ 10
Viscosity (5% Water solution) mPa.s	5-3000
Bulk density	550--650

3. Application

Tile adhesive
mortar

4. Functions

- * With a good fast thickening capacity and a certain water retention;
- * The amount of small, very low addition of both high achievable effect ;
- * Improving the ability of materials to decline;
- * Improving the operational performance of the material, so that the operation more smooth;
- * Delaying the opening time of the material.

5. Recommended dosage: 0.05%-0. 1% ,while, deducting the methyl cellulose dosage of 0. 1%.

6. Packing: Paper plastic composite bag, N.W.is 25kg/bag.

7. Storage: Keep it in cool, dry place, the opened bag should be sealed again to prevent the moisture penetration; Do not stack more than one pallet; Stored not more than one year.