

Technical Data Sheet

Hydroxypropyl Starch Ether 301

CAS No.:9049-76-7

HS Code:3505100000

Description

SidleyHPS 301 is a non - ionized starch, also known as starch ether, made from epoxy propane and starch under alkaline condition through etherification. It can give special work performance to cement based and plaster based products. It has similar structure and functions of HPMC, also good compatibility with other construction additives. Applying with HPMC, a better thickening effect, crack resistance and workability can be achieved. The cost of mortar can be reduced by adding HPS into the formulation.

Advantages:

- Improve sagging resistance and anti-sliding properties, especially in tile adhesive system;
- Retard the opening time of mortar ;
- Modify the thickness and rheology of spray mortar and plaster mortar.

Physical and chemical properties:

Item	Hydroxypropyl Starch Ether 301
Appearance	White powder, free-flowing
Viscosity	1200~1600mPa.s
Moisture	10.0% max
PH	7.0-9.0 (5% solution)

Packaging & Storage

25kg paper bags with PE inner.

Store it in a cool, dry place below 30 °C and protect against humidity and pressing.