

WOTAchem™ Technical Data Sheet



WOTAchem™ YW302

Hydroxypropyl Starch Ether (HPS)

Product description

WOTAchem™ YW302 is a white fine powder from etherification-modified natural tapioca starch, odorless & tasteless, soluble in cold water with stable chemical properties and hydrolysis-resistant ether bonds. It offers excellent thickening, water retention, viscosity stability, lubricity and anti-sagging with low dosage, improving material workability. Well compatible with building material additives, it's widely used in cement/gypsum/calcium hydroxide systems and ceramics, coatings, papermaking, oil drilling as thickener, binder and stabilizer to boost product performance.

Typical data

Appearance:	Off-white powder, weak odor
Hydroxypropyl content (%):	18.0-20.0%
Moisture (%):	≤8.0%
Viscosity (mPa.s) (5%, NDJ, 20℃):	5000-7000mPa.s
PH Value(25℃, 10% aqueous):	9.0-12.0

Recommend Applications

Tile Adhesive

Tile Grouts

Wall Putty

Skim Coat

Gypsum Plaster

Cement Plaster

Packing & Storage

Multi layer paper bag with PE-liner

25kg/bag, 700KG/pallet

14MT/20FCL, 26MT/40FCL (palletized)

Store in cool and dry conditions

Dosage

Tile adhesive: 5%-15%

Wall Putty: 3%-5%

Shelf Life

The shelf life is 2 year. If over 2 year, please test and confirm the quality before using.

This information is based on our present state of knowledge and is intended to provide general notes about our products and their use only. It should not therefore be construed as guaranteeing the consistence or permanency of the products or specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.