

WOTAChem™ YW303

Hydroxypropyl Starch Ether (HPS)

Product Description

WOTAChem™ YW303 is an etherified modified white fine powder from natural potato starch, odorless, tasteless and readily soluble in cold water, with stable chemical properties and acid-alkali hydrolysis-resistant ether bonds. It delivers high-efficiency thickening, excellent water retention and stable viscosity at low dosage, with good lubricity and anti-sagging to improve material workability and construction feel. Well compatible with various building material additives, it is widely used in cement/gypsum/calcium hydroxide systems and ceramics, coatings, papermaking, oil drilling as a thickener, binder and stabilizer to boost product performance.

Typical Data

Appearance:	Off-white powder, weak odor
Hydroxypropyl content (%) :	18.0-22.0%
Moisture (%) :	≤8.0%
Viscosity (mPa.s) (5%, NDJ, 20℃):	10000-16000mPa.s
PH Value(25℃, 10%aqueous):	9.0-12.0

Recommend Applications

Tile Adhesive

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%-10%

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.