



# JK-703HG

## Chemical Description: Guar Derivatives

CAS Number: 39421-75-5

JK703HG is modified guar ethers specially formulated with specific performance for gypsum based plaster. It expresses the following properties:

- Remarkable workability and smoothness
- Optimum water retention capability and open time
- High stability to electrolytes and high alkaline system

## Specification

<b>Appearance</b>	Ivory fine powder
<b>Moisture</b>	8 % Max
<b>Particle Size</b>	98.5% Min through US 80 mesh 80% Min through US 100 mesh
<b>Viscosity (mPa.s)</b>	10000~15000 (20°C, 2% sol., Brookfield, Spindle 5 #, 20RPM)
<b>pH value</b>	5.0~7.0

## Main application and dosage

JK703HG is suitable for gypsum based plaster and it can be used alone to totally replace cellulose ethers. Recommended dosage is 0.15~0.25%. To determine the right amount of JK703HG in formulation, some tests have to be performed.

### Storage

Store in a cool and dry place in closed original containers. We recommend not exceeding a storage time of 12 months.

### Packaging

25kg bag or 800/900kgs big bag

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