

GL-7100

Technical Datasheet Hydroxypropyl Methyl Cellulose

Product description

Lotuschem® **GL-7100** is derived from highly pure refined cotton and is specially made of etherification under alkaline conditions. It is slightly off-white to beige odorless and tasteless powder in appearance.

Lotuschem® **GL-7100** is highly modified model used in construction materials especially Gypsum based plaster products, where it is used as a rheology modifier, thickener, and water retention agent.

Specifications

| | |
|--|------------------------------------|
| Model No. | GL-7100 |
| Appearance | slightly off-white to beige powder |
| Particle Size (mesh) | 80 |
| Gelation Temp. (°C) | 65.0-75.0 |
| Active Content (%) | ≥95% |
| Weight Loss on Drying (%) | ≤5.0 |
| pH Value | 6.0-7.0 |
| Viscosity (NDJ, 2% aqueous solution, mPa•s) | 70,000-90,000 |

Application range

- Gypsum based plaster

Key properties

- Improves water retention
- Improves thickening property
- Improves covering area
- Improves construction efficiency

Packaging and storage

A. Standard packed in 20 KG per paper plastic composite bag

B. Big bags or other special packages are possible on request

Weight/20' container: approx. 12 metric tons with pallets, approx. 15 metric tons without pallets

Weight/40' container: approx. 26 metric tons with pallets, approx. 28 metric tons without pallets

Stored in its original packaging in a dry and place with temperature below 30°C.

It is recommended to use **LOTUSCHEM**® HPMC within 2 years.

Safety notes

The data presented above is in accordance with the present state of our knowledge, but doesn't absolve the user from carefully checking it all immediately on receipt. We reserve the right to alter product constantly within the scope of technical progress or new developments. The recommendations made above should be checked by preliminary trials because of conditions during processing over which we have no control of, especially where other companies' raw materials are also being used.