



Lucid Colloids Ltd.

Galanol® Guar Gums & Derivatives

Lucid Colloids Ltd. is premier manufacturer of Guar Gum and its Derivatives since 1958. It is based in India with its Corporate Office in Mumbai and manufacturing plants in Jodhpur and Aurangabad. Lucid has 100% subsidiaries in the USA & Europe to handle its Global marketing, distribution and logistical functions:

- Lucid Colloids America Inc., Houston, TX, USA
- Lucid Colloids Europe B.V., Netherlands

Lucid Colloids is a US\$ 150 million Company with 350 employees. Its major sector sales are to Oil & Gas industry in North America since 1980. Lucid's second biggest sector is the Food industry. Currently Lucid supplies product to more than 35 countries and territories.

Products are sold to the Oil & Gas industry in the USA through Lucid America Inc., by direct shipments to customers in the USA. Some buffer inventory is also stocked in Houston, TX.

Lucid manufactures a wide range of Guar Gums and derivatives for use in Oil & Gas in North America under its **Galanol®** Brand :

Product	Description
Galanol® PI Galanol® PH Galanol® PH Super	Drilling Muds and Fluids, Friction Reducer, Flocculation of drill cuttings, Rheology modifier. Available in various viscosities and hydration rates.
Galanol® 501	High Viscosity Fast Hydrating Guar for Fracturing Fluids, 3 mins / 60 mins
Galanol® 511	High Viscosity Fast Hydrating Guar for Fracturing Fluids, 3 mins / 60 mins
Galanol® D-101	Hydroxypropyl Guar (HPG), MS ~ 0.35 - 0.4
Galanol® 2332	Carboxymethyl Hydroxypropyl Guar (CMHPG) CM DS ~ 0.10 - 0.15, HP MS ~ 0.2 – 0.3

Note: Individual Data Sheets and SDS available on request.