

BioPolymer GA3060

GA3060 is a high purity, high performance scleroglucan, fermented by *Sclerotium rolfsii* Sacc. It provides excellent performance in high temperature resistance, high salt resistance, acid and alkali resistance, wider pH range, high shear resistance and water holding capacity. It's widely used in applications such as food, medicine, cosmetics, petroleum extraction, ceramics, and coatings.

technical data sheet

Specification

Appearance	Light yellow powder
Particle size, through 80 mesh, %	Min. 95
Moisture, %	Max. 13
Ash, %	Max. 15
pH value	5.0 – 8.0
Viscosity, 1% solution, 3#60rpm, 25 degC, mPa.s	Min. 600
Viscosity, 1% solution, 20% NaCl, 25°C, 3#60rpm, mPa.s	Min. 600

Particle Size Distribution

Micron (µm)	D10	D50	D90
	23.80	111.0	286.8

Molecular Weight

Dalton	Mn	Mw	Mp
	1759092	2545491	2879038

Packaging & Storage

Standard Packing Storage	50 lb bag, 40 bags per pallet 25 kg bag, 40 bags per pallet Each unit is labeled with product name and lot number. Store in a cool, dry area for optimal shelf life.
Handling	For safe handling of this product, please refer to the Safety Data Sheet (SDS).

Shelf Life

Shelf Life	2 years
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Usage & Application

Dosage Applications	0.1 to 1%
<ul style="list-style-type: none"> - Oil and Gas Industry: Used in enhanced oil recovery and drilling operations for viscosity enhancement and borehole stability. - Agriculture: Applied in hydroseeding for improved seed germination and growth, and in soil conditioners for enhanced water retention. - Environmental Applications: Utilized in soil remediation to stabilize heavy metals, in water treatment as a flocculant, and for erosion control to prevent soil erosion. 	

Regulatory Information

CAS No.	39464-87-4
HS Code	3913.90
Country of Origin	Made in China

Date Updated: May 20, 2023

Disclaimer: The information provided in this document is based on tests that we believe to be reliable. However, the results of these tests may vary under different conditions and methodologies. It is the responsibility of the prospective user to determine the suitability of our products for their specific use. The user is responsible for ensuring that their use of our products, as well as their workplace practices, are in compliance with all applicable laws and regulations.

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Sidere Technology, Inc.
4690 World Houston Pkwy
Houston, TX 77032
support@sideretech.com

www.sideretech.com