



Technical Data Sheet

Xanthan Gum

Formula: C₃₅H₄₉O₂₉

Specification:

Name: Xanthan Gum

Viscosity: 1200-1700

PH: 6.0 - 8.0

Shearing Ratio: ≥ 6.50

Ash %: ≤ 15.00

Pyruvic Acid %: ≤ 1.5

Loss on drying: ≤ 13.00

API: ≥ 1950 mpa.s

Starch, Guar Qualitative Determination: Absent

Features and Benefits:

1. Excellent suspension characteristics and rheology control

2. Superior viscosifier

3. Performs well in fresh water, seawater, brine and saturated salt environments

4. Optimizes borehole hydraulics

5. Temperature stable to 94°C (up to 138°C with the addition of 3% salt and an oxygen scavenger)

NOTE: Care should be taken when adding with cationic and trivalent ions, such as chromium, as precipitation may occur.

Other properties:

Appearance: Cream-White powder

Specific Gravity: 1.5@25°C

Solubility: Soluble

PH : 6.0-8.0(1% solution)

Mixing/Handling: Mix slowly through the hopper to avoid lumping.

Recommended Treatment: 3-6 kg/m³ typically (up to 12 kg/m³)

Packaging: 25kg bag.

Quantity of loading: 18000kg per 20 feet container without pallets.

Storage: In unopened bags, protected from humidity in a cool dry place and avoid direct sunlight.