

# Product Information

## Xanthan Gum F80

### Product Description:

Xanthan gum is a cream-colored powder composed of a polysaccharide that is an excellent thickening and stabilizing agent. It is produced from bacteria via a fermentation process using glucose, sucrose and other nutrients; thus, xanthan gum is readily renewable and environmentally friendly.

### Applications:

Xanthan gum is used in oil & gas as a fluid loss additive (viscosifier) in drilling mud to mitigate loss circulation and as a set retarder in cementing systems. Xanthan Gum is also used in as a thickener and stabilizer in the food and cosmetics industry.

### Chemical Formula:

$(C_{35}H_{49}O_{29})_n$

### CAS No. :

11138-66-2

### Specifications:

Parameters (units)	Specifications
Appearance	Cream colored powder
Viscosity, in a 1% solution in 1% KCl (cP)	1200 - 1600
pH, of 1% aqueous solution	6.0 - 8.0
Assay (%)	91.0 - 117.0
Loss on drying (%)	≤ 15.0
Ash (%)	≤ 13.0
Passed through 60 mesh/250 μm (%)	≥ 100
Passed through 80 mesh/180 μm (%)	≥ 95
Pyruvic acid (%)	≥ 1.5
Heavy metals (ppm)	≤ 20

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## Packaging:

Material is available in 25 kg bags. Further packaging options may be available upon enquiry.

## Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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