



Xanthan Gum 80 Mesh

Xanthan Gum 80 Mesh is a high-purity, fermentation-derived polysaccharide produced by *Xanthomonas campestris*. Supplied as a fine, off-white to light yellow powder, it is widely used in food, industrial, and personal care applications as a thickener, stabilizer, and rheology modifier. Its 80 mesh grind allows for rapid hydration and dispersion in aqueous systems, even at low concentrations. Xanthan Gum remains stable across a wide pH range and is highly resistant to shear, making it suitable for formulations requiring consistent viscosity and flow properties.

- High viscosity at low dosage
- Rapid hydration and dispersion in cold water
- Excellent shear-thinning behavior
- Stable across broad pH and temperature ranges
- Compatible with salts and electrolytes
- Naturally derived and biodegradable

KEY FEATURES

- Rheology control for water-based systems
- Suspension agent for pigments and solids
- Emulsion stabilizer in industrial and cosmetic formulations
- Thickener in food, pharmaceutical, and personal care products
- Flow modifier in concrete admixtures and drilling fluids

APPLICATIONS

- Food and beverage formulations
- Personal care and cosmetic emulsions
- Industrial cleaners and coatings
- Oilfield chemicals and cement additives
- Agricultural suspensions and biopesticides

TYPICAL DATA

Property / Component	Value
Appearance	Off-white to light yellow powder
Particle Size	Passes 80 mesh
Moisture Content	≤13%
Viscosity (Brookfield, 1.5 rpm)	≥1950 cP
Viscosity (Rotational, 300 rpm)	≥11 cP (55 dial reading)
Viscosity (Rotational, 6 rpm)	≥180 cP (18 dial reading)
Viscosity (Rotational, 3 rpm)	≥320 cP (16 dial reading)
Starch, Guar, Derivatives	Absent

Note: Values are typical and not intended as product specifications.



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

25 kg multi-wall bags with PE liner
1,000 kg bulk bags available upon request

STORAGE & SHELF LIFE

Store in a cool, dry, well-ventilated area away from moisture. Keep packaging sealed when not in use. Shelf life is 24 months from the date of manufacture under recommended storage conditions.

HEALTH & SAFETY

Xanthan Gum is classified as non-hazardous. However, prolonged inhalation of dust or contact with eyes and skin should be avoided. Use appropriate PPE and consult the Safety Data Sheet (SDS) for full handling instructions.