

Industrial Gelatin

TECHNICAL DATA SHEET

Technical-grade gelatin granules for adhesive, coating, binding and other industrial processing applications.

CAS No.	9000-70-8
Source	Animal collagen
Physical form	Yellow or light yellow granules

Product Information

Industrial gelatin is a technical gelatin material derived from animal collagen. It is supplied as odorless yellow or light yellow granules for industrial processing. The specification defines gel strength, viscosity, pH, ash, moisture and transparency.

Sulfur dioxide, chromium and heavy metals are included in the technical quality profile. Packaging consists of kraft paper or plastic woven bags with a polymer inner liner. Store the material dry and protect the closed package from sunlight, water and heat.

Specifications

Parameter	Specification
Odor	Odorless
Jelly strength (12.5%)	≥80 Bloom g
Viscosity	≥25 mPa·s
pH (1%, 40°C)	5.5–7.0
Ash (650°C)	≤2%
Moisture	≤14%
Transparency (5%)	≥300 mm
Sulfur dioxide	≤50 mg/kg
Chromium	≤70 mg/kg
Heavy metals (as Pb)	≤50 mg/kg

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

HS code	3503.00
Packing	25 kg/bag

Applications

Adhesive formulations: Industrial gelatin provides a technical gelatin option for suitable adhesive systems.

Coating and binding processes: Manufacturers may evaluate technical gelatin in appropriate coating and binding processes.

Industrial ingredient sourcing: ZXCHEM coordinates industrial gelatin specifications, bulk packing and export enquiries for chemical ingredient buyers.

Packaging & Storage

Packaging	25 kg/bag; kraft paper or plastic woven bag with polymer inner liner
Storage	Store in a cool, dry place, protected from sunlight, water and heat.

Certifications & Documents

Batch COA, technical data sheet and safety data sheet.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)	Telephone: +86-21-54265599
Shanghai office: Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China	Email: sales@zxchem.com.cn
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The agreed purchase specification and the COA of each batch govern supply.