



GMW

Geräte | Material | Werkzeuge für Papierrestauratoren

Equipment | Materials for paper conservators and binders

Eine Marke der Wilhelm Leo's Nachfolger GmbH

D-72669 Unterensingen | Seerosenstraße 9 | phone +49 70 22-217 20-212 | fax +49 70 22-2 62 9110

gmw@gmw-gabikleindorfer.de | www.gmw-shop.de

GELITA® PHOTO GELATINE Type Restoration 2

PRODUCT DATA SHEET ORDER-No.: 40 361

Description: Acid processed powder gelatine (type A gelatine) with very high gel strength and high transmissions.

Composition:

Name	%	CAS-No.	EINECS-No.	REACH Reg. No.
Gelatine	100	9000-70-8	232-554-6	none, exempt

Appearance: White to yellowish powder with grain size ≤ 3.0 mm.

Miscibility: Soluble in warm water.

Usage: Food industry, technical applications, restoration works, clear coatings.

Specification:

Chemical and Physical Data	Specification	Test Method
Gel Strength (Bloom)	≥ 280 g Bloom	AOAC
Viscosity	5.15 - 5.75 mPas	6.67%, 60 °C
pH	5.20 - 5.60	6.67%, 60 °C
Transmission 620 nm	≥ 95 %	6.67%, 620 nm
Transmission 450 nm	≥ 85 %	6.67%, 450 nm
Conductivity	≤ 190 μ S/cm	1.00%, 30 °C
Calcium	≤ 100 mg/kg	Complexometry
Moisture	9.0 - 13.0 %	≥ 16 h ; 105 °C
Peroxides*	≤ 10 mg/kg	Ph. Eur./USP-NF
Sulphur dioxide*	≤ 10 mg/kg	Ph. Eur./USP-NF
Arsenic*	≤ 1.0 mg/kg	ICP-OES
Cadmium*	≤ 0.50 mg/kg	ICP-OES
Chromium*	≤ 10.0 mg/kg	ICP-OES
Copper*	≤ 30.0 mg/kg	ICP-OES
Mercury*	≤ 0.15 mg/kg	ICP-OES/AAS
Lead*	≤ 5.0 mg/kg	ICP-OES
Zinc*	≤ 50 mg/kg	ICP-OES

* The parameter is monitored according to an internal quality program

This information is based on our present knowledge and is intended to provide general information on our products and uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. GELITA is not obligated to update the information contained in this document, nor to notify recipients if changes are made after the date issued.



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Microbiological Data	Spezifikation	Test Method
Total Aerob. Microb. Count	< 1000 cfu/g	Ph. Eur./USP-NF
Salmonella	negative/25 g	ISO 6579

Packaging:

Multi-ply REPA paper bags with PE-liner, containing 25 kg. 750 kg per pallet.
Big bags are available on request.

Storage:

This product exhibits a minimum shelf life of 5 years when stored in the original packaging under typical warehouse conditions.

Recommendations: Store at room temperature, dry and odorless. Do not break seals until ready to dispense.

Regulatory Information:

This product is in compliance with regulation (EC) No 852/2004 on the hygiene of foodstuffs and with regulation (EC) No 853/2004, laying down specific hygiene rules for food of animal origin. According to Regulation (EC) No 853/2004 wrapping and packaging containing gelatine must bear the words "Gelatine fit for human consumption". No labeling as GMO is required according to Regulation (EC) No 1829/2003 and Regulation (EC) No 1830/2003. Allergen labelling is not required according to Regulation (EU) No 1169/2011.

Gelatine is a natural polymer, thus exempt from registration according to Regulation (EC) No 1907/2006 Article 2(9).

Advice:

Depending on the application and on the country where the product is to be used additional regulatory requirements may apply, therefore the customer/user needs to ensure that the product is used in compliance with national legal requirements. Statements are made to the best of our knowledge.

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