

DETECTAMET

Technical Data Sheet

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455

Nitrile Gloves with Woven Cuffs



Technical Data Sheet Applicable To:

455-A100-T017-S10*	Nitrile Gloves R. Seamless Cuff fully coated (All sizes)
455-A101-T017-S10*	Nitrile Gloves woven cuffed fully coated (All sizes)
455-A101-T18-S10*	Nitrile Gloves woven cuffed Part Coated (All sizes)
455-A159-T017-S10*	Nitrile Gloves R. Seamless Elbow fully coated (All sizes)
455-A160-T107-S10*	Nitrile Gloves R Seamless Shoulder fully coated (All sizes)

Industry Usage:

These heat proof, woven cuff, heavy duty nitrile detectable gloves are available either partially or fully coated

Features and Benefits:

- Metal Detectable & X-ray Visible
- Offers protection against mechanical risks
- Heavy duty work gloves
- Partially or fully coated
- 100% Interlock Lining
- Suitable for use in oily and greasy environments
- Anti-slip textured grip
- Thickness: 1.19mm (47.2 mils)

Material and Compliance information:

These are protective gloves from mechanical risk in accordance to EN 388:2016+A1:2018 with a rating of 3121X

Test Specifications:
LFGB, German Food, Commodities and Feed Code

Test Report Number
AZ 1110227, Date 15/05/2017

According to kind and extent of the tests performed the Nitrile Gloves for repeat use, fulfil the requirements of the above test specifications and acids and fatty food. The test results are documented in our test report AZ 110227 dated 15/05/2017

EC Type Examination Certificate EEC Directive 89/686/EEC Article 10 as last amended by EEC Directive 96/58/EEC Personal Protective Equipment

The EC type-examination certificate refers to the above mentioned product. This is to certify that the product complies with the essential requirements of Annex II of the directive 89/696/EEC. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder is entitled to use this certificate in connection with the declaration of conformity in accordance with Annex VI.

This refers only to the above mentioned products.

Sensory Analysis	
Sample Number	110227-001
Sample Composition	Mat. 001
Contact Medium	H2O
Test Conditions	2h/ 40oC
Migration Preparation	4, 2 dm2/250 ml
Smell Transfer	0
Transfer of taste	0.5

H2O – Water

If the evaluation is between 0 to 2.5 no sensory deviation is indicated. The sample fulfils the requirements of § 31 LFGB respectively article 3 of the regulation (EC) 1935/2004

Evaluation scheme:

- 0 = no discernible deviation
- 1 = barely discernible deviation
- 2 = weak deviation
- 3 = clear deviation
- 4 = strong deviation

Colour Migration of Pigmented Plastics	
Sample Number	110227-007
Sample Composition	Mat. 001
Water	Pass
2% Acetic Acid	Pass
10% Ethanol	Pass
Coconut Oil	Pass

According to the recommendation of the BfR part IX (synthetic material in contact with food), no traces of colour may migrate into the food simulant.

*at silicone vegetable oil

Metals, total content at decomposition	
Sample Number	110227-006
Sample Composition	Mat. 001
Unit	Mg/kg
Lead	<10
Zinc	9100

Summary of methods

Sensory Analysis	Standard: DIN 10955	Issue Date 01/06/2004
Method description: Sensory analysis – Testing of container materials and containers for food products (Commodities)		

Global Migration	Standard: DIN EN 13130-3	Issue Date 01/08/2004
Method description: According to: Determination of global migration from plastic materials and articles intended to come into contact with foodstuffs		

Acrylonitril Migration	Standard: DIN EN 13130-3	Issue Date 01/08/2004
Method description: According to: Materials and articles in contact with foodstuffs – Plastic substances subjects to limitation – Part 3: Determination of acrylonitrile in foodstuffs and food simulants by Headspace – GC-MS respectively GC-MS		

Formaldehyde Content	Standard: DIN EN 13130-3	Issue Date 01/08/2004
Method description: Determination of formaldehyde according to testing commodities made of rubber, clause 2.7.1		

Primary Aromatic Amines (photometric), migration	Standard: BLV L 00.00-6	Issue Date 01/12/2002
Method description: -6 Determination of primary aromatic amines in plastics according to: Examination of foodstuff Determination of primary aromatic amines as aniline-hydrochloride in an aqueous extract of foodstuff		

Vulcanizing agents/antioxidants	Standard: DIN EN 1400-3	Issue Date 01/12/2002
Method description: According to: Child care and use articles – Soothers for babies and young children – Part 3: Chemical requirements and tests, determination of vulcanizing agents and antioxidants Notes: *Antioxidant 2246 = 2,2' -Mthylen-bis(6-(1,1-dimethyl)-4-methylphenol) MBT = 2-Mercaptobenzothiazol BHT = 2,6-BIS(1,1-dimethylethyl)-4-methylphenol/ 2,6-Di-tert-butyl-p-cresol.		

Colour migration of pigmented plastics	Standard: BGESUNDHBL 15 (1972): 285	Issue Date 01/07/1972
Method description: Examination of plastics – 24. Recommendation of the BfR commission for plastics. Testing of colour fastness of coloured commodities made of plastics and other polymers		

Metals, total content at decomposition	Standard: DIN EN 1S011885/DIN EN ISO 17294-2	Issue Date 01/06/2004
Method Description:		

Decomposition according to DIN EN 13346 (common acid decomposition resp. decomposition by microwave) – Quantification of mercury according to DIN EN 1483 and determination of 62 trace elements by ICP-OES resp. ICP-MS

N-nitrosamine and N-nitrosatable substances

Standard: DIN 12868

Issue Date 01/12/1999

Method description:

Child use and care articles – Methods for determining the release of N-Nitrosamines and N-Nitrosatable substances from elastomer or rubber teats and soothers

Notes: * Tested by a component external institute

Polycyclic aromatic hydrocarbons (PAH)

Standard: ZEK 01.4-08

Issue Date 25/11/2011

Method description:

Harmonized Method for Determination of Polycyclic Aromatic Hydrocarbons (PAH) in plastic sampling, gas 1 chromatographic method with mass spectrometric detection. Limit of determination 0.2 mg/kg per component

Notes:

Single components with an amount of < 9.2 mg/kg were not considered by the calculation of the sum. In the case of all 18 PAH were not detected, the result is stated n.n. (not detectable)

Benzo(j) fluoranthene and Benzo(k) fluoranthene are reported together

Mass per unit area

Standard: DIN EN 12127

Issue Date 01/12/1997

Method description:

Textiles – Fabrics – Determination of mass per unit area using small samples, standard climate

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