

## 455 - Detectable Nitrile Gloves with Woven Cuffs

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Part of our **Detectaglove**™ range, these heat proof, woven cuff, heavy duty nitrile detectable gloves are available either partially or fully coated.

| Product Code       | Product Description                                 |
|--------------------|---|
| 455-A100-T017-S107 | Nitrile Gloves R. Seamless Cuff fully coated S8     |
| 455-A100-T017-S108 | Nitrile Gloves R. Seamless Cuff fully coated S9     |
| 455-A100-T017-S109 | Nitrile Gloves R. Seamless Cuff fully coated S10    |
| 455-A101-T017-S106 | Nitrile Gloves woven cuffed fully coated S7         |
| 455-A101-T017-S107 | Nitrile Gloves woven cuffed fully coated S8         |
| 455-A101-T017-S108 | Nitrile Gloves woven cuffed fully coated S9         |
| 455-A101-T017-S109 | Nitrile Gloves woven cuffed fully coated S10        |
| 455-A101-T18-S106  | Nitrile Gloves woven cuffed Part Coated S7          |
| 455-A101-T18-S107  | Nitrile Gloves woven cuffed Part Coated S8          |
| 455-A101-T18-S108  | Nitrile Gloves woven cuffed Part Coated S9          |
| 455-A101-T18-S109  | Nitrile Gloves woven cuffed Part Coated S10         |
| 455-A101-T18-S110  | Nitrile Gloves woven cuffed Part Coated S11         |
| 455-A159-T017-S107 | Nitrile Gloves R Seamless Elbow fully coated S8     |
| 455-A159-T017-S108 | Nitrile Gloves R Seamless Elbow fully coated S9     |
| 455-A159-T017-S109 | Nitrile Gloves R Seamless Elbow fully coated S10    |
| 455-A160-T017-S107 | Nitrile Gloves R Seamless Shoulder fully coated S8  |
| 455-A160-T017-S108 | Nitrile Gloves R Seamless Shoulder fully coated S9  |
| 455-A160-T017-S109 | Nitrile Gloves R Seamless Shoulder fully coated S10 |

**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 110227, 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

This certificate refers only to the above mentioned products.

## Sensory Analysis

**Sample Number** 110227-001  
**Sample Composition** Mat. 001

|                       |                             |
|-----------------------|-----------------------------|
| Contact Medium        | H2O                         |
| Test Conditions       | 2h/ 40°C                    |
| Migration Preparation | 4,2 dm <sup>2</sup> /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 acrylonitril 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' -Methylen-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 ISO11885/ 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: DIN12868**

**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 competent 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 < 0.2 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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