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Unser Zeichen: H-171269-08-Bg
Ansprechpartner: Dr. Jutta Begerow
Gelsenkirchen, December 10, 2008

Test Report (Summary)

-Rewriting of document H-162919-08-Bg-

Client: NORRES Schlauchtechnik GmbH & Co KG, Gelsenkirchen
Date of order: January 08, 2008 and April 01, 2008
Receipt of samples: January 09, 2008 and April 03, 2008
Test items: flexible antistatic polyurethane tube with integrated wire
(inner diameter: approx. 32 mm) made of PUR MHF AS
(identification number: MKK 1002 with additive MKZ0303)
Date of production: unknown
Period of experimental testing: January 14 to January 30, 2008 and
April 07 to April 29, 2008
Order: Testing of the suitability for contact with dry foodstuffs

According to our experimental testing flexible antistatic polyurethane tube made of PUR MHF AS (identification number: MKK 1002 with additive MKZ0303) meets the requirements of Council Directive 2002/72/EC and its amendments (including Directive 2008/39/EC) and the German Bedarfsgegenständeverordnung (as of February 11, 2008) for direct contact to all dry foodstuffs and groups of foodstuff listed in Enclosure 1.

The conditions of use have to be specified on the labelling or in the directions of use.

This expertise is also valid for all tubes of the same composition made by the identical manufacturing process, which have an inner diameter of larger than 32 mm.

This certificate is based on our report H-171264-08-Bg of December 10, 2008.

We assume identical quality of the test samples and the final product with respect to the composition and processing.

This expertise is based on the precondition that the entire composition has been indicated in full and that no further substances are contained.

Our expertise is valid as long as the actual legislation is in force. It ceases to be valid, if the composition or the manufacturing process is changed.

For the Director:


(Dr. Jutta Begerow)
Head of Department

Enclosure 1:

Dry foodstuffs or groups of foodstuff, listed in Council Directive 85/572/EEC and in method B 80-30.2 of the Official Collection of Study Methods pursuant to § 64 LFGB, which may come into contact with flexible antistatic polyurethane tubes made of PUR MHF AS (identification number: MKK 1002 with additive MKZ0303)

- starches
- cereals, unprocessed, puffed, in flakes, (Including popcorn, corn flakes and the like)
- cereal flour and meal
- macaroni, spaghetti and similar products
- pastry, biscuits, cakes and other bakers products, dry, without fatty substances on the surface
- confectionery products in solid form without fatty substances on the surface
- sugar and sugar products in solid form
- whole fruit, fresh or chilled
- dried or dehydrated fruit, whole or in form of flour or powder
- whole vegetables, fresh or chilled
- dried or dehydrated vegetables, whole or in form of flour or powder
- nuts, shelled and dried (peanuts, chestnuts, almonds, hazelnuts, walnuts, pine kernels, and other)
- eggs not in shell, powdered or dried
- egg yolks, powdered or frozen
- dried white egg
- dried milk
- cheeses, whole, with rind
- preparations for soups, broths, in solid or powder form (extracts, concentrates); homogenized composite food preparations, prepared dishes, without fatty substances on the surface
- yeasts and raising agents, dried
- salt
- sandwiches, toasted bread and the like containing any kind of foodstuff, without fatty substances on the surface
- dried foods without fatty substances on the surface
- frozen or deep-frozen foods
- coffee, whether or not roasted, decaffeinated or soluble, coffee substitutes, granulated or powdered
- aromatic herbs and other herbs such as camomile, mallow, mint, tea lime blossom and others
- spices and seasonings in the natural state such as cinnamon, cloves, powdered mustard, pepper, vanilla, saffron and other