

December 2012

European Declaration of Compliance for materials intended to contact food

(according EN 45014 form)

Based on the detailed chemical composition and on the results of extraction- and migration tests we hereby confirm for our material grade:

ZELLAMID® 900

EUROPE

As Polyoxymethylene (POM-C, natural) semi-finished and finished parts is in compliance with the Commission Regulation (EU) 10/2011 related to “plastic materials and articles intended to come into contact with food” and its amendments, and including the Regulation (EC) No 1935/2004, both in their relevant versions.

Notice the following restrictions for the final article:

- Trioxan	SML = 5,0 mg/kg
- 1,3-Dioxolane	SML = 5,0 mg/kg
- 1,3,5,-Trioxane	SML = 5,0 mg/kg
- Formaldehyde	SML = 15,0 mg/kg
- Triethyleneglycol bis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate]	SML = 9,0 mg/kg
- Melamine	SML = 30,0 mg/kg
- 1,4-Butanediol formal	QMA = 0,05 mg/6 dm ²

The meanings of the abbreviations are:

SML = specific migration limit in food or in food simulant

QMA = max. permitted quantity in the finished material or article expressed as mg per 6 dm² of the surface in contact with foodstuffs

Dual Use Additives: Silicates (CAS No. 84)



ZELL -METALL Ges.m.b.H. Engineering Plastics

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For notice:

Polyacetals like Zellamid® 900 (POM-C) can decompose if excessive thermal treatment - especially in contact with acids - is applied. Depending on the processing conditions formaldehyde, tetrahydrofurane THF (SML = 0,6 mg/kg) and 1,4-butanediol may be formed leading to residual contents of these substances in the finished article.

GERMANY

The composition of the product complies with the requirements of the Bedarfsgegenständeverordnung BGV (German ordinance) in the revised version of 23.12.1997 (Monomers and other starting substances) as amended and BfR (former BGVV) recommendation XXXIII, "Acetalharze" of 01.01.2010. The specific restrictions mentioned in EU Directive 10/2011 have to be ensured.

USA

As Polyoxymethylene semi-finished and finished parts is in compliance with the appropriate regulation of Food and Drug Administration (FDA) in USA for contact with food and with the requirements of FDA-Code of Federal Regulations 21 CFR 177.2470 "Polyoxymethylene copolymer".

Tubes:

ZELLAMID® 900 tubes with thin wall thicknesses (5 - 20 mm) up to diameter 100 mm are produced out of a resin for which our raw material supplier has not invested the extremely expensive tests for food approval due to low demand and we cannot therefore confirm compliance to the food regulations.

ZELLAMID® 900 tubes with diameter over 100 mm are produced out of the same resin as plate and rod and are therefore compliant with the food regulations accordingly.

According to these tests the material can be used in repeated contact with non strong acid foodstuffs (pH > 2,5) up to 80°C. They are not allowed in contact with food, which contains more than 15% alcohol.

For notice

The suitability of the articles for the application concerned, including their effect on smell and

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Registriert beim Landesgericht Salzburg unter FN Nr.53181 h, Gesellschaftssitz: Kaprun, Erfüllungsort und Gerichtsstand: A-5700 Zell am See



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taste of the food, and observance of any given limitations (for example overall migration, specific limits and other analytical requirements) must be tested and ensured in each case by the person who introduces the articles into circulation.

Internet EU-Regulation: <http://eur-lex.europa.eu/>

Internet FDA-Regulation: <http://www-access.gpo.gov/nara/cfr>

Zell-Metall Engineering Plastics has implemented EN-ISO 9001/2000 Quality management system since 27.04.2000, and ensures adherence to an effective and efficient management system required by the GMP regulation (EC) No 2023/2006.

ZELL – METALL
Gesellschaft mbH

The data indicated above, based on the data of the resin supplier, are the results of our investigations and correspond to the state-of-the-art. The data refer to the state of the laws at the date of issue. Therefore we urgently ask you to your own interest to regularly check the confirmations. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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