

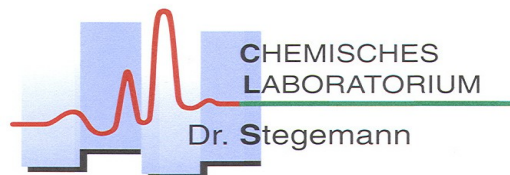
Chemistry – Food Chemistry

Biochemistry – Microbiology

Material Testing - Expert Opinions

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From the chamber of commerce publicly appointed and sworn court-appointed expert for chemistry, chemistry of waste, physical and chemical tests of synthetic materials, oils, building materials and corrosion
Authorized chamber of Commerce:
Osnabrück-Emsland-County Bentheim

Water-Waste Water-Drinking Water -Technical
Water-Groundwater-Soil-Food-Hygiene-Objects of
Daily Use-Industrial Waste-Advisory Service in
Waste Water Disposal-Material Testing-
Court Experts Evidence for Material Damages-
Expert Opinions on Emission Control

27.04.2021

EU Declaration of Compliance

1761-121030282

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Hereby we confirm that the plastic coating:

ARC HT-S (E)

meet the requirements of the following acts:

Commission Regulation (EU) No 10/2011 of 14 January 2011 (update 08/2016) on plastic materials and articles intended to come into contact with food and the regulation No 1935/2004 of the European Parliament and of the Council of 27th October 2004 on materials and articles intended to come into contact with food.

The overall migration according to *annex 1* and the specific migration of the two monomers of the regulation lie underneath the regulatory limits of the Commission Regulation (EU) No 10/2011 for the applied contact time, contact temperature and contact simulants.

Specification of the intended contact

<i>intended use</i>	: coatings for food storage vessels
<i>intended food contact for which the compliance can be confirmed</i>	: aqueous liquid food
<i>related simulants according to Annex III part 4</i>	: Ethanol 10 % (Simulant A)
<i>related test conditions (overall migration) for which the compliance can be confirmed</i>	: OM 5: 2 hours at 100 °C ¹
<i>test period</i>	: 15.03.2021 - 26.04.2021

¹any high temperature application up to 121 °C

Accredited Laboratory:

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Continuation of the *Declaration of Compliance* No. **1761-121030282** from 27.04.2021

Test results

Overall Migration (OM) DIN EN 1186 (2002) 2 hours at 100 °C		
Simulant	Overall Migration mg/dm² DIN EN 1186	Limit Value mg/dm ²
Ethanol 10 % (Simulant A)	9,9	10,0

Specific Migration (SM) DIN CEN/TS 13130 10 days at 100 °C ¹		Limit Value² mg/kg
Phenol	< 0,1	3
Epichlorhydrin	< 0,001	1

D. Stegemann

Dr. Dirk Stegemann
- Test Chord -



**From the Lower Saxony State Office for Consumer Protection Food Safety
officially approved cross check expert for microbiological and chemical
analysis and assessment of food and commodities of all kind**

¹Table

²Positivlieste