



To

IVG COLBACHINI S.p.A.

Via Fossona, 77

35030 CERVARESE S. CROCE (PD)

Date, 12th October, 2011

TR n° 455-D_{bis}/2011

Ref. Your E-Mail dated 06.07.2011

Received 15.07.2011

Start tests 30.08.2011

End tests 06.10.2011

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T E S T R E P O R T

Subject: MIGRATION TESTS IN THE SIMULATORS OF FOODS ON A SAMPLING OF VULCANIZED SHEETS IN RUBBER COMPOUND, ACCORDING TO BfR – XXI RECCOMANDATION – CATEGORY 2

		<u>On the rubber compound</u> <u>"IVG-116246"</u>	<u>Requirements</u>
• Content of zinc	%	2,44	≤ 3
• Content of lead	%	0,001	≤ 0,003
• Content of aliphatic and cycloaliphatic amines	mg/dm ²	Not detectable (<0,02)	≤ 5

Migrations after contact of the rubber sheets with the Simulators for 24 hours at 40°C (Category 2)

Simulator: Distilled water

• Total migration	mg/dm ²	2,37	≤ 20
• Primary arylamines	µg/l	Not detectable	≤ 20
• Secondary N-alkyl arylamines	mg/l	0,07	≤ 1
• Formaldehyde	µg/ml	Not detectable	≤ 3
• N-nitrosamines	µg/dm ²	< 0,4	≤ 1

Simulator: Acetic acid 3% (m/v) in water

• Total migration	mg/dm ²	20,3	≤ 100
• Primary arylamines	µg/l	Not detectable	≤ 20
• Secondary N-alkyl arylamines	mg/l	0,47	≤ 1
• N-nitrosamines	µg/dm ²	< 0,4	≤ 1



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T E S T R E P O R T

Requirements

Compound: IVG-116246

**Migrations after contact of the rubber sheets with the
Simulators for 24 hours at 40°C
(Category 2)**

Simulator: Ethanol 10% (v/v) in water

• Total migration	mg/dm ²	2,62	≤ 20
• Primary arylamines	µg/l	Not detectable	≤ 20
• Secondary N-alkyl arylamines	mg/l	0,09	≤ 1
• N-nitrosamines	µg/dm ²	< 0,4	≤ 1

NOTE: The food simulators at the end of the contact are colourless, odourless and tasteless.

REMARK: The test results obtained from the migration tests carried out on the sheets of rubber compound marked "**IVG-116246**" **are compliant** with the requirements of the Recommendation XXI **Category 2** of BfR for the use in contact with foods.

The sampling has been carried out by the Customer.

The contained results refer only to the tested sample.

This report cannot be partially reproduced without the laboratory approval.



E. Badomer
E. Badomer, **Operator**





To

IVG COLBACHINI S.p.A.

Via Fossona, 77

35030 CERVARESE S. CROCE (PD)

Date, 2nd September, 2011

TR n° **455-A_{bis}/2011**

Ref. E-Mail dated 06.07.2011

Received 15.07.2011

Start tests 30.08.2011

End tests 02.09.2011

Page 1 of 1

T E S T R E P O R T

Subject: SUITABILITY TO BE USE IN CONTACT WITH AQUEOUS FOODS, ACCORDING TO FDA 177.2600, ON A SAMPLE OF VULCANIZED RUBBER COMPOUND MARKED "IVG-116246"

RUBBER COMPOUND
(Sheets 200x200x2 mm)

IVG-116246

Test methods

Requirements

AQUEOUS FOODS

FDA-Title 21
Parts 170 to 199
Item 177.2600

Distilled water at reflux temperature

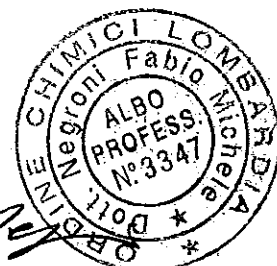
Total extractives during the first 7 hours of extraction	mg/in ²	0,94	(e)	max 20
Total extractives during the succeeding 2 hours of extraction	mg/in ²	0,64		max 1

STATEMENT: On the basis of the test results and on the basis of the recipe provided by the Customer, **we certifies** that the rubber compound marked "**IVG-116246**" **is in compliance** with the Requirements of the FDA – CFR 21 – Parts 170 to 199 – Item 177.2600 Paragraph **(e)** of the contact with aqueous foods.

The sampling has been carried out by the Customer.
The contained results refer only to the tested sample.
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E. Badomer
E. Badomer, **Operator**

F. Negroni
F. Negroni, **Director**





HADICE A PRYŽE

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PROHLÁŠENÍ O SHODĚ

Firma GMS prohlašuje, že výrobek **DRINKTEC MILKSERVIS 10/SPL – tlaková a sací hadice pro mléko a potraviny (-40°/+120°C)** se shoduje se s katalogovým listem viz příloha katalogový list, katalogový list výrobce.

07.9.2017



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S pozdravem

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