

DECLARATION OF COMPLIANCE

For plastic materials and articles intended to come into contact with food

RS Components Ltd, hereby declares that the product(s) reference below:

Product Code: A0241, A0242, A0243, A0244, A0245
Article Number: 2458846, 2458847, 2458848, 2458850, 2458851
Description: RS PRO Unhemmed PVC Heavyweight Aprons
Colour: Blue, White, Red, Green, Yellow
Size: 48 x 36



Test Report Number: GZHH0065039702

Conclusion:

<u>Standard/Testing Item</u>	<u>Result</u>
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB) Section 30 & 31 and Regulation (EC) 1935/2004 on Sensory Evaluation	Pass
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 and European Commission Regulation No. 10/2011 And its amendments on overall migration	Pass
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 and European Commission Regulation No. 10/2011 And its amendments on specific migration of heavy metal content	Pass
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 and European Commission Regulation No. 10/2011 And its amendments on specific migration of Primary Aromatic Amines	Pass
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 on Polycyclic Aromatic Hydrocarbons (PAHs) content	Pass
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 on Migration of Polycyclic Hyrdrocarbons (PAHs)	Pass

The Materials and Articles in Contact with Food (England) Regulations 2012 (Statutory Instruments 2012 No. 2619) on overall migration Pass

The Materials and Articles in Contact with Food (England) Regulations 2012 (Statutory Instruments 2012 No. 2619) on specific migration of heavy metal content Pass

The Materials and Articles in Contact with Food (England) Regulations 2012 (Statutory Instruments 2012 No. 2619) on specific migration of Primary Aromatic Amines Pass

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 Pass
Regulation (EC) 1935/2004 and BfR Recommendations on Food Contact Materials Part VII on Catalyst Residues in Polypropylene

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 Pass
Regulation (EC) 1935/2004 and BfR Recommendations on Food Contact Materials Part VII on Catalyst Residues in Polyethylene

Tests Conducted

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 on Sensory Evaluation

Test method: With reference to DIN 10955:2024-01.

Test Procedure:

Sample was cleaned according to the product's instruction manual or in the absence of such manual, with water. Food simulant was filled in the sample under below mentioned time and temperature. Odour and off-flavour was evaluated with 6 panelists using control sample of food simulant.

I. Test condition:

Water 100 °C 2 hours

II. Result:

Test Item	Result	Limit
	(1) to (2)	
Appearance of simulant	Clear and colourless	Clear and colourless
Intensity of odour	1	<3.0
Intensity of off-flavour	1	<3.0

Intensity Scale: 0 = No discernible deviation

1 = Barely discernible deviation

2 = weak deviation

3 = Clear deviation

4 = Strong deviation

Tested Components: See component list in the last section of this report.

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 and European Commission Regulation No. 10/2011 and its amendments on Overall Migration

Test method : With reference to Commission Regulation (EU) No. 10/2011 and its amendments, and EN 1186-3:2022 overall migration in evaporable simulants / EN 1186-2 : 2022 overall migration in vegetable oils

Test condition:

Tested component	Food simulant	Time (hour)	Temperature (°C)
(3), (4)	10% (v/v) Ethanol	0.5	40
	3% (W/v) Acetic Acid	0.5	40
	95% (v/v) Ethanol	0.5	40
	Iso-octane	0.5	20

Tests Conducted

Test Results:

Tested component(3):

Food simulant	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Limit (mg/dm ²)
	1 st migration		
10% (v/v) Ethanol	ND	3	10
3% (W/v) Acetic Acid	ND	3	10
95% (v/v) Ethanol	ND	3	10
Iso-octane	6	3	10

Tested component(4):

Food simulant	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Limit (mg/dm ²)
	1 st migration		
10% (v/v) Ethanol	ND	3	10
3% (W/v) Acetic Acid	ND	3	10
95% (v/v) Ethanol	ND	3	10
Iso-octane	ND	3	10

ND = Not detected (less than detection limit)

Remark: As per client's request, the above condition and food simulant were used for the test.

Ratio of food contact surface area to volume used to establish the compliance of material or article:

Component (3) = 1 dm² : 100 mL

Component (4) = 1 dm² : 100 mL

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and Regulation (EC) 1935/2004 and European Commission Regulation No. 10/2011 and its amendments on Specific Migration of Heavy Metal Content

Test method : With reference to Commission Regulation (EU) No. 10/2011 and its amendments.

I. Test condition:

Food simulant : 3% (w/v) Acetic acid

Temperature : 100 °C Time : 2 hours

Tests Conducted

Test result:

Tested component(1), (2)

Element	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Limit (mg/dm ²)
	1 st migration		
Aluminium (Al)	ND	0.1	1
Antimony (Sb)	ND	0.01	0.04
Arsenic (As)	ND	0.01	ND
Barium (Ba)	ND	0.1	1
Cadmium (Cd)	ND	0.002	ND
Chromium (Cr)	ND	0.01	ND
Cobalt (Co)	ND	0.03	0.05
Copper (Cu)	ND	1	5
Iron (Fe)	ND	5	48
Lead (Pb)	ND	0.01	ND
Lithium (Li)	ND	0.1	0.6
Manganese (Mn)	ND	0.1	0.6
Mercury (Hg)	ND	0.01	ND
Nickel (Ni)	ND	0.01	0.02
Zinc (Zn)	ND	1	5
Europium (Eu)	ND	0.01	0.05
Gadolinium (Gd)	ND	0.01	0.05
Lanthanum (La)	ND	0.01	0.05
Terbium (Tb)	ND	0.01	0.05
Sum of (Eu, Gd, La, Tb)	ND	0.04	0.05

ND = Not detected (less than detection limit)

Ratio of food contact surface area to volume:

Tested Component	Ratio
(1), (2)	6 dm ² /kg

Tested component(s): See component list in last section of this report

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and

Regulation (EC) 1935/2004 and European Commission Regulation No. 10/2011 and its amendments on

Specific Migration of Primary Aromatic Amines

Test method: With reference to Commission Regulation (Eu) No. 10/2011 and its amendments, determined by LC/MS/MS..

Test condition:

Tested Component	Food Simulant	Time (hour)	Temperature (°C)
(1), (2)	3% (w/v) Acetic Acid	2	100

Tests Conducted

Test Result:

Tested component (1), (2):

	Test Item	CAS No.	Result (mg/kg)	Detection Limit (mg/kg)	Limit (mg/kg)
			1 st migration		
1	4-Aminodiphenyl	92-67-1	ND	0.002	ND
2	Benzidine	92-87-5	ND	0.002	ND
3	4-Chloro-o-Toluidine	95-69-2	ND	0.002	ND
4	2-Naphthylamine	91-59-8	ND	0.002	ND
5	o-Aminoazotoluene	97-56-3	ND	0.002	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND	0.002	ND
7	p-Chloroaniline	106-47-8	ND	0.002	ND
8	2,4 Diaminoanisole	615-05-4	ND	0.002	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	ND	0.002	ND
10	3,3'- Dichlorobenzidine	91-94-1	ND	0.002	ND
11	3,3'- Dimethoxybenzidine	119-90-4	ND	0.002	ND
12	3,3'- Dimethylbenzidine	119-93-7	ND	0.002	ND
13	3,3'- Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	0.002	ND
14	p-Cresidine	120-71-8	ND	0.002	ND
15	4,4'- Methylene-Bis(2-Chloroaniline)	101-144	ND	0.002	ND
16	4,4'- Oxydianiline	101-80-4	ND	0.002	ND
17	4,4'- Tiodianiline	139-65-1	ND	0.002	ND
18	o-Toluidine	95-53-4	ND	0.002	ND
19	2,4-Toluylenediamine	95-80-7	ND	0.002	ND
20	2,4,5- Trimethylaniline	137-17-7	ND	0.002	ND
21	o-Anisidine	90-04-0	ND	0.002	ND
22	4-Aminoazobenzene	60-09-3	ND	0.002	ND
23	m-Phenylendiamine	108-45-2	ND	0.002	ND
24	Benzoguanamin	91-76-9	ND	0.002	5
25	4,4'- Methylenebis(3-chloro-2,6-diethylaniline	106246-33-7	ND	0.01	0.05
26	Total of other primary aromatic amine in list	-	ND	--	0.01

Tests Conducted

List: Other Primary aromatic amines

No	Compound	CAS No.	Detection Limit (mg/kg)
1	p-Phenylenediamine	106-50-3	0.002
2	Aniline	62-53-3	0.002
3	2,4-Xyldine	95-68-1	0.002
4	2,6-Xyldine	87-62-7	0.002
5	3-Methoxyaniline	536-90-3	0.002
6	2,6-Toluene-diamine	823-40-5	0.002
7	1,5- Diaminonaphthalene	2243-62-1	0.002
8	4-Ethoxyaniline	156-43-4	0.002
9	3-Amino-4-methoxybenzanilide	120-35-4	0.002
10	3-Amino-4-methylbenzamide	19406-86-1	0.002
11	2-Amino-5-methylbenzoic acid	2941-78-8	0.002

ND = Not detected (less than detection limit)

Ratio of food contact surface area to volume:

Tested component	Ratio
(1), (2)	6 dm ² /kg

Tested component(s): See component list in last section of the report.

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and

Regulation (EC) 1935/2004 on Polycyclic Aromatic Hydrocarbons (PAHs) Content

Test method: By solvent extraction and determined by Gas Chromatographic – Mass Spectrometric Detector (GC-MSD).

Test Results:

Test item	CAS No.	Result (mg/kg)	Detection limit (mg/kg)
		Tested component	
		(1), (2)	
Naphthalene	91-20-3	ND	0.2
Acenaphthylene	208-96-8	ND	0.2
Acenaphthene	83-32-9	ND	0.2
Fluorene	86-73-7	ND	0.2
Phenanthrene	85-01-8	ND	0.2
Anthracene	120-12-7	ND	0.2
Fluoranthene	206-44-0	ND	0.2
Pyrene	129-00-0	ND	0.2
Chrysene	218-01-9	ND	0.2
Benzo(a)anthracene	56-55-3	ND	0.2
Benzo(b)fluoranthene	205-99-2	ND	0.2
Benzo(j)fluoranthene	205-82-3	ND	0.2
Benzo(k)fluoranthene	207-08-9	ND	0.2
Benzo(a)pyrene	50-32-8	ND	0.2
Benzo(e)pyrene	192-97-2	ND	0.2
Dibenzo(a,h)anthracene	53-70-3	ND	0.2

Indeno(c,d)pyrene	193-39-5	ND	0.2
Benzo(g,h,i)perylene	191-24-2	ND	0.2
Sum of PAHs	--	ND	--

Limit: 0.2mg/kg (sum of PAHs)

ND = Not detected (less than detection limit)

Tested component(s): See component list in the last section of this report

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and

Regulation (EC) 1935/2004 on Migration of Polycyclic Aromatic Hydrocarbons (PAHs) Content

Test method: With reference to Commission Regulation (EU) No. 10/2011 and its amendments and followed by Gas Chromatographic – Mass Spectrometric Detector (GC-MSD) analysis.

Test conditions:	<u>Food Simulant</u>	<u>Temperature (°C)</u>	<u>Time (hours)</u>
	95% (v/v) ethanol	60	3.5

Test Results:

Compound	Result (mg/kg)	Detection limit (mg/kg)	Limit (mg/kg)
	Tested component (1), (2)		
	1 st migration		
Naphthalene	ND	0.01	---
Acenaphthylene	ND	0.01	---
Acenaphthene	ND	0.01	---
Fluorene	ND	0.01	---
Phenanthrene	ND	0.01	---
Anthracene	ND	0.01	---
Fluoranthene	ND	0.01	---
Pyrene	ND	0.01	---
Chrysene	ND	0.01	---
Benzo(a)anthracene	ND	0.01	---
Benzo(b)fluoranthene	ND	0.01	---
Benzo(j)fluoranthene	ND	0.01	---
Benzo(k)fluoranthene	ND	0.01	---
Benzo(a)pyrene	ND	0.01	ND
Benzo(e)pyrene	ND	0.01	---
Dibenzo(a,h)anthracene	ND	0.01	---
Indeno(c,d)pyrene	ND	0.01	---
Benzo(g,h,i)perylene	ND	0.01	---
Sum of PAHs	ND	0.01	ND

ND = Not detected (less than detection limit)

Tested component(s): See component list in the last section of this report

The Materials and Articles in Contact with Food (England) Regulations 2012 (Statutory Instruments 2012 No 2619) on Overall Migration

Test method: With reference to Commission Regulation (EU) No. 10/2011 and its amendments.

Test condition:

Tested component	Food simulant	Time (hour)	Temperature (°C)
(3), (4)	10% (v/v) Ethanol	0.5	40
	3% (w/v) Acetic acid	0.5	40
	95% (v/v) Ethanol	0.5	40
	Iso-octane	0.5	20

Test Results:

Tested component(3):

Food simulant	Result (mg/dm ²)	Detection limit	Limit
	1 st migration	(mg/dm ²)	(mg/dm ²)
10% (v/v) Ethanol	ND	3	10
3% (w/v) Acetic acid	ND	3	10
95% (v/v) Ethanol	ND	3	10
Iso-octane	6	3	10

Tested component(4):

Food simulant	Result (mg/dm ²)	Detection limit	Limit
	1 st migration	(mg/dm ²)	(mg/dm ²)
10% (v/v) Ethanol	ND	3	10
3% (w/v) Acetic acid	ND	3	10
95% (v/v) Ethanol	ND	3	10
Iso-octane	ND	3	10

ND = Not detected (less than reporting limit)

Remark: As per client's request, the above condition and food simulant were used for the test.

Ration of food contact surface area to volume used to establish the compliance of material article:

Component (3) = 1 dm² : 100ml

Component (4) = 1 dm² : 100ml

Tested component(s): See component list in last section of this report.

The Materials and Articles in Contact with Food (England) Regulations 2012 (Statutory Instruments 2012 No 2619) on Specific Migration of Heavy Metal Content

Test method: With reference to Commission Regulation (EU) No. 10/2011 and its amendments.

Test condition:

Food simulant: 3% (w/v) Acetic acid

Temperature: 100°C

Time: 2 hours

Test result:

Tested component(1), (2):

Element	Result (mg/dm ²)	Detection Limit (mg/dm ²)	Limit (mg/dm ²)
	1 st migration		
Aluminium (Al)	ND	0.1	1
Antimony (Sb)	ND	0.01	0.04
Arsenic (As)	ND	0.01	ND
Barium (Ba)	ND	0.1	1
Cadmium (Cd)	ND	0.002	ND
Chromium (Cr)	ND	0.01	ND
Cobalt (Co)	ND	0.03	0.05
Copper (Cu)	ND	1	5
Iron (Fe)	ND	5	48
Lead (Pb)	ND	0.01	ND
Lithium (Li)	ND	0.1	0.6
Manganese (Mn)	ND	0.1	0.6
Mercury (Hg)	ND	0.01	ND
Nickel (Ni)	ND	0.01	0.02
Zinc (Zn)	ND	1	5
Europium (Eu)	ND	0.01	0.05
Gadolinium (Gd)	ND	0.01	0.05
Lanthanum (La)	ND	0.01	0.05
Terbium (Tb)	ND	0.01	0.05
Sum of (Eu, Gd, La, Tb)	ND	0.04	0.05

ND = Not detected (less than reporting limit)

Tested component(s): See component list in last section of this report.

The Materials and Articles in Contact with Food (England) Regulations 2012 (Statutory Instruments 2012 No 2619) on Specific Migration of Primary Aromatic Amines

Test method: With reference to Commission Regulation (EU) No. 10/2011 and its amendments and JRC Technical Guidelines EUR 24815 EN 2011.

Test condition:

Tested component	Food simulant	Time (hour)	Temperature (°C)
(1), (2)	3% (w/v) Acetic acid	2	100

Test Result:

Tested component (1), (2):

	Test Item	CAS No.	Result (mg/kg)	Detection Limit (mg/kg)	Limit (mg/kg)
			1 st migration		
1	4-Aminodiphenyl	92-67-1	ND	0.002	ND
2	Benzidine	92-87-5	ND	0.002	ND
3	4-Chloro-o-Toluidine	95-69-2	ND	0.002	ND
4	2-Naphthylamine	91-59-8	ND	0.002	ND
5	o-Aminoazotoluene	97-56-3	ND	0.002	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND	0.002	ND
7	p-Chloroaniline	106-47-8	ND	0.002	ND
8	2,4 Diaminoanisole	615-05-4	ND	0.002	ND

9	4,4'-Diaminodiphenylmethane	101-77-9	ND	0.002	ND
10	3,3'-Dichlorobenzidine	91-94-1	ND	0.002	ND
11	3,3'-Dimethoxybenzidine	119-90-4	ND	0.002	ND
12	3,3'-Dimethylbenzidine	119-93-7	ND	0.002	ND
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	0.002	ND
14	p-Cresidine	120-71-8	ND	0.002	ND
15	4,4'-Methylene-Bis(2-Chloroaniline)	101-144	ND	0.002	ND
16	4,4'-Oxydianiline	101-80-4	ND	0.002	ND
17	4,4'-Tiodianiline	139-65-1	ND	0.002	ND
18	o-Toluidine	95-53-4	ND	0.002	ND
19	2,4-Toluylenediamine	95-80-7	ND	0.002	ND
20	2,4,5-Trimethylaniline	137-17-7	ND	0.002	ND
21	o-Anisidine	90-04-0	ND	0.002	ND
22	4-Aminoazobenzene	60-09-3	ND	0.002	ND
23	m-Phenylendiamine	108-45-2	ND	0.002	ND
24	Benzoguanamin	91-76-9	ND	5	5
25	4,4'-Methylenebis(3-chloro-2,6-diethylaniline)	106246-33-7	ND	0.01	0.05
26	Total of other primary aromatic amine in list	-	ND	0.01	0.01

ND = Not detected (less than reporting limit)

Other primary aromatic amines are p-Phenylendiamine, Aniline, 2,4-Xylidine, 2,6-Xylidine, 3-Methoxyaniline, 2,6-Toluene-diamine, 1,5-Diaminonaphthalene, 4-Ethoxyaniline, 3-Amino-4-methoxybenzanilide, 3-Amini-4-methylbenzamide, 2-Amino-5-methylbenzoic acid

Tested component(s): See component list in last section of the report

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 Regulation (EC) 1935/2004 and BfR Recommendations on Food Contact Materials Part VII on Catalyst Residues in Polypropylene

Test method: By acid digestion, determined by ICP-OES and ICP-MS

Element	Result (ppm)	Reporting limit (ppm)	Limit (ppm)
	Test component		
	(1)		
Chromium (Cr)	3	1	10
Vanadium (V)	ND	1	20
Zirconium (Zr)	ND	10	100
Hafnium (Hf)	ND	10	100

ND = not detected

Tested component: See component list in the last section of this report.

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 Regulation (EC) 1935/2004 and BfR Recommendations on Food Contact Materials Part VII on Catalyst Residues in Polypropylene

Test method: By acid digestion, determined by ICP-OES and ICP-MS

Element	Result (ppm)	Reporting limit (ppm)	Limit (ppm)
	Test component		
	(2)		
Chromium (Cr)	2	1	10
Vanadium (V)	ND	1	20
Zirconium (Zr)	ND	10	100
Hafnium (Hf)	ND	10	100

ND = not detected

Tested component: See component list in the last section of this report.

Component list:

- (1) White PP non-woven fabric
- (2) Blue PE plastic film
- (3) White PP non-woven fabric (sample received date: Jul 14, 2026)
- (4) Blue PE plastic film (sample received date: Jul 14, 2026)

Signed for and on behalf of RS Components Ltd, Reldeen House, Wyke Way, Melton, HU14 3BQ

Signed for and on behalf of EU authorised representative, RS Components Ltd, Germany

Sarah Hewitt

PPE Technical Lead

Sarah Hewitt

26th August 2026

RS Components Ltd, Melton, HU14 3BQ