

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
Article Number: 2458846
Description: RS PRO Unhemmed Heavyweight PVC Aprons
Colour: Blue
Size: One Size

Is in conformity with the following provisions:

- Regulation (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation – Overall migration
- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 – Sensorial examination odour and taste test
- (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation – Specific migration of primary aromatic amine (total)
- (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation – Specific migration of heavy metal



Test Part Description:

SN ID	Sample No:	Description	Material
SN1	A	A PVC	PVC
SN2	A1	A:PVC Material	PVC

The ratio of surface area to volume

Sample No	Overall Migration	Specific Migration
A1	10.0 dm ² /kg	6.0 dm ² /kg

Test report number: SL52415290686601TX

Regulation (EU) No 1935/2004 of the European Parliament and of the Council of 27 October 2004. (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation – Overall migration

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III abd Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-3:2002 Test methods for overall migration in evaporable simulants

Test Condition			
10% Ethanol (V/V)	3% Acetic acid (W/V)	95% Ethanol	Isooctane
40°C, 0.5 hr	40°C, 0.5 hr	40°C, 0.5 hr	20°C, 0.5 hr

Simulant Used	Limit	Unit(s)	RL	A1 (1 st Migration)	Comment
3% Acetic acid (W/V) (First migration)	10	mg/dm ²	3.0	6.0	PASS
10% Ethanol (V/V)	10	mg/dm ²	3.0	ND	PASS
Isooctane	10	mg/dm ²	3.0	ND	PASS

95% Ethanol (First migration)	10	mg/dm ²	3.0	145.5#	FAIL
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Notes:

(1) Analytical tolerance of evaporable simulants is 2 mg/dm² or mg/kg, analytical tolerance of olive oil simulant is 3 mg/dm² or 20 mg/kg

(2) Test condition & Simulant were specified by client.

(3) A material or article with overall migration result that exceeds the overall migration limit by an amount not exceeding the analytical tolerance, shall be deemed to be in compliance with the overall migration limit.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU)
- Sensorial examination odour and taste test

Test Method: With reference to DIN 10955:2004

Test media: Distilled water

Test Condition: 40°C, 0.5 hr

No. of panelist: 6

Test Item (s)	Limit	Unit(s)	A
Area/Volume	-	dm ² /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

(1) Intensity Scale (rounded at 0.5):

0 – no perceptible difference

1 – just perceptible difference

2 – slight difference

3 – marked difference

4 – strong difference

Remark:

= Exceed the limit

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation – Specific migration of primary aromatic amine (individual)

Test method: With reference to EN 13130-1:2004, analysis was performed by LC-MS-MS.

Simulant Used: 3% Acetic Acid (W/V)

Test Condition: 40°C 0.5 hr(s)

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)					
Migration times					First
2,4,5-TrimethyIaniIine	137-17-7	ND	mg/kg	0.002	ND
2,4-Toluenediamine (2,4-TDA)	95-80-7	ND	mg/kg	0.002	ND
2-Methoxy-5-methyIaniIine	120-71-8	ND	mg/kg	0.002	ND
3,3'-DimethyIbenzidine	119-93-7	ND	mg/kg	0.002	ND
4,4'-DiaminodiphenyI ether	101-80-4	ND	mg/kg	0.002	ND
4,4'-MethyIenedianiIine	101-77-9	ND	mg/kg	0.002	ND
4,4'-Methylenedi-o-toIuidine	838-88-0	ND	mg/kg	0.002	ND
4-AminobiphenyI	92-67-1	ND	mg/kg	0.002	ND
4-ChIoroaniIine	106-47-8	ND	mg/kg	0.002	ND
4-Chloro-o-toIuidine	95-69-2	ND	mg/kg	0.002	ND
4-Methoxy-m-phenyIenediamine	615-05-4	ND	mg/kg	0.002	ND
Benzidine	92-87-5	ND	mg/kg	0.002	ND
o-Anisidine	90-04-0	ND	mg/kg	0.002	ND
o-Toluidine	95-53-4	ND	mg/kg	0.002	ND
2-NaphthyIamine	91-59-8	ND	mg/kg	0.002	ND
o-AminoazotoIuene	97-56-3	ND	mg/kg	0.002	ND
3,3'-DichIorobenzidine	91-94-1	ND	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	mg/kg	0.002	ND
4,4'-MethyIene-bis-(2-chIoro-aniIine)	101-14-4	ND	mg/kg	0.002	ND
4,4'-ThiodianiIine	139-65-1	ND	mg/kg	0.002	ND
4-Amino azobenzene	60-09-3	ND	mg/kg	0.002	ND
1,3-PhenyIenediamine	108-45-2	ND	mg/kg	0.002	ND
2-Amino-4-nitrotoIuene	99-55-8	ND	mg/kg	0.002	ND
Primary aromatic amine (other)		0.01	mg/kg		ND
1,3-Diiminoisoindoline	3468-11-9	-	mg/kg	0.010	ND
3-Anisidine	536-90-3	-	mg/kg	0.002	ND
2-Amino-1-naphthalenesuIfonic acid	81-16-3	-	mg/kg	0.005	ND
2-EthoxyaniIine	94-70-2	-	mg/kg	0.005	ND
5-ChIoro-2-methoxyIaniIine	95-03-4	-	mg/kg	0.005	ND
2-ChIoroaniIine	95-51-2	-	mg/kg	0.010	ND
4-ToIuidine	106-49-0	-	mg/kg	0.002	ND
1,4-PhenyIenediamine	106-50-3	-	mg/kg	0.002	ND
3-ChIoroaniIine	108-42-9	-	mg/kg	0.010	ND
3-ToIuidine	108-44-1	-	mg/kg	0.002	ND
3-Amino-4-methoxybenzaniIide	120-35-4	-	mg/kg	0.002	ND
2-Chloro-4-nitroaniIine	121-87-9	-	mg/kg	0.005	ND
4-ChIor-3-methoxyaniIine	13726-14-2	-	mg/kg	0.005	ND
4-EthoxyaniIine	156-43-4	-	mg/kg	0.002	ND
3-Amino-4-methyIbenzamide	19406-86-1	-	mg/kg	0.002	ND
1,5-DiaminonaphthaIene	2243-62-1	-	mg/kg	0.002	ND
4-Aminobenzamide	2835-68-9	-	mg/kg	0.005	ND
Aniline	62-53-3	-	mg/kg	0.002	ND
4-ChIor-2,5-dimethoxyaniIine	6358-64-1	-	mg/kg	0.005	ND
2,4,5-TrichIoroaniline	636-30-6	-	mg/kg	0.010	ND
5-Amino-6-methyIbenzimidazoIone	67014-36-2	-	mg/kg	0.005	ND
2,6-DiaminotoIuene	823-40-5	-	mg/kg	0.002	ND

2,6-Dimethylaniline (2,6-OMA)	87-62-7	-	mg/kg	0.002	ND
4-Aminobenzenesulfonic acid	88-44-8	-	mg/kg	0.005	ND
1,2-Phenylenediamine	95-54-5	-	mg/kg	0.002	ND
2,4-Dimethylaniline (2,4-DMA)	95-68-1	-	mg/kg	0.002	ND
5-Chloro-2-methylaniline	95-79-4	-	mg/kg	0.005	ND
2,5-Dichloroaniline	95-82-9	-	mg/kg	0.010	ND
2,4-Dinitroaniline	97-02-9	-	mg/kg	0.005	ND
2-Methoxy-4-nitroaniline	97-52-9	-	mg/kg	0.005	ND
p-Anisidine	104-94-9	-	mg/kg	0.002	ND
Dimethyl aminoterephthalate	5372-81-6	-	mg/kg	0.002	ND
3,4-Dichloroaniline	95-76-1	-	mg/kg	0.002	ND
1-Naphthylamine	134-32-7	-	mg/kg	0.002	ND
2-Aminobiphenyl	90-41-5	-	mg/kg	0.002	ND
Butyl anthranilate	7756-96-9	-	mg/kg	0.002	ND
2,4'-Diaminodiphenylmethane	1208-52-2	-	mg/kg	0.002	ND
2-Amino-5-methylbenzoic acid	2941-78-8	-	mg/kg	0.002	ND
Comment					Pass

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of heavy metals

Test method: With reference to EN 13130-1:2004, analysis was performed by ICP-OES/ICP-MS.

Simulant Used: 3% Acetic Acid (W/V)

Test Condition: 40°C 0.5 hr(s)

Test Item 3% Acetic acid (W/V)	Unit	Limit	RL	Test Result
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Arsenic (As)	Not Detected	mg/kg	0.01	Not Detected
Cadmium(Cd)	Not Detected	mg/kg	0.002	Not Detected
Chromium(Cr)	Not Detected	mg/kg	0.01	Not Detected
Mercury(Hg)	Not Detected	mg/kg	0.01	Not Detected
Lead(Pb)	Not Detected	mg/kg	0.01	Not Detected
Aluminium(Al)	1	mg/kg	0.1	Not Detected
Barium(Ba)	1	mg/kg	0.25	Not Detected
Cobalt(Co)	0.05	mg/kg	0.01	Not Detected
Copper(Cu)	5	mg/kg	0.25	Not Detected
Iron(Fe)	48	mg/kg	5	Not Detected
Lithium(Li)	0.6	mg/kg	0.1	Not Detected
Manganese(Mn)	0.6	mg/kg	0.1	Not Detected
Zinc(Zn)	5	mg/kg	0.5	Not Detected
Nickel(Ni)	0.02	mg/kg	0.01	Not Detected
Antimony(Sb)	0.04	mg/kg	0.01	Not Detected
Europium(Eu)	-	mg/kg	0.025	Not Detected

Gadolinium(Gd)	-	mg/kg	0.025	Not Detected
Lanthanum(La)	-	mg/kg	0.025	Not Detected
Terbium(Tb)	-	mg/kg	0.025	Not Detected
Europium(Eu)+Gandolinium(Gd)+Lanthanum(La)+Terbium(Tb)	0.05	mg/kg	-	Not Detected
Comment				Pass

Notes: Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019

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

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12th July 2024

RS Components Ltd, Melton, HU14 3BQ