



Version: 3.0 Last update: 08.04.2022

Material	Products	Remark
Plastics; Melamin	plates, cereal bowls, trays, sieves, non insulated container, flexible cutting pad, place- & table mats	Not applicable for kids <3, baby bottles, one time use item, PET bottles



No	Parameter	Method	Reference	Requirement	
	General requirements				
1	Odour	In House	-	No particular smell on material	
2	Workmanship	In House	-	Product and its components has to meet the requirements on design and quality according to information offered by producer; No damages on material: - Without scratches, dents, cracks, marred or discolored surface - Without major defects - Without components missing, deformed or fractured - Without thardware missing - Without pits or burrs and weld smoothly filed / grounded - Without loose components or loosened fastening where rigidity is required - Without loose components or loosened fastening where rigidity is required - With proper and uniform adhesion in wooden parts - With finished edges and seams - Even in color & clarity - Even in color & clarity - Even in color & clarity - Evenly aligned in seams and components	
3	Labelling for products with food contact	In House	SR 817.023.21/ EU (EC) No. 1935/2004	Products which have complied with food grade safety, but have not yet come into contact with food when sold, shall be properly labelled: A word "for foodsl" (for food contact), or a specific indication of their use or the "glass and fork" symbol Required information shall be provided. Exception: not required if the product is obviously intended for food Place: Directly on the product or packaging or label or on a leaflet.	
4	Labelling	In House	SR 817.023.21/ 2001/95/EC	The name or trade name and the address or registered office of the party that is responsible for placing the materials or articles on the market. Place: Directly on the product, or if technically not possible - on a label / leaflet.	
5	Labelling	In House	SR 817 023 21/ 2001/95/EC	a) Product identification information b) General safety c) Warning and safety instructions. d) Operating or care instructions e) Special instructions and precautions on how to use the final product if necessary WILDOWAYE	
6	Warning for Melamin Products	In House	-	Recommendation: "till maximal 70°C" Or "not for microwave use" - in a clearly visible place & durable; - in at least one official language (GE/IT/FR) - place: Directly on the product	
7	Ease of Assembly	In House	-	Shall provide ease of assembly and shall be accurate with no missing parts.	
8	Functionality	In House	-	The sample shall function as intended or as claimed in the state of as-received.	
9	Claim Verification	In House	-	Must comply with all claims (including accessories, if any).	
	Chemical requirements				
	Plastics (Non-Food Contac	t Part)			
10	Lead (Pb), total content	Acid digestion / AAS or ICP	SR 814.81 REACH	Without food contact: 500 mg/kg	
11	Cadmium (Cd), total content	Acid digestion / AAS or ICP	SR 814.81	Without food contact: 100 mg/kg	
12	Polycyclic aromatic hydrocarbons (PAH)	AfPS GS 2019:01	SR 817.023.21 (EU) 10/2011	Only in EU: 8 PAH: ≤ 1 mg/kg (each)	
13	Short Chain Chlorinated Paraffin (SCCP) total content	ISO 18219 / GC-NCI-MS / GC- ECD	Not regulated in CH Regulation (EU) No 2019/1021 and its amendments	≤ 0.15% (Articles)	

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No	Parameter	Method	Reference	Requirement		
	Plastics in general (With food contact) (SR 817.023.21 LGV) (specific requirements for Switzerland listed in Annex 2): https://www.blv.admin.ch/dam/blv/de/dokumente/lebensmittel-und-ernaehrung/rechts-und-vollzugsgrundlagen/lebensmittelrecht2017/anhang2-verordnung-materialien-kontakt-Im- gg.pdf.download.pdf/Anhang_2.pdf Logbook of changes from former CH Law: https://www.blv.admin.ch/dam/blv/de/dokumente/lebensmittel-und-ernaehrung/rechts-und-vollzugsgrundlagen/lebensmittelrecht2017/logbook-of-changes.pdf.download.pdf/Logbook_Ink.pdf					
14	Lead (Pb), total content	DIN EN ISO 11885, ICP-OES	SR 817.023.21 § 30 LFGB	n.d. in coating 100 mg/kg in Plastics: n.d. (2 mg/kg)		
15	Cadmium (Cd), total content	DIN EN ISO 11885, ICP-OES	SR 817.023.21 § 30 LFGB (Germany)	n.d. in coating 100 mg/kg in Plastics: n.d. (0,5 mg/kg)		
16	Colour release	24th Commun. on the testing of plastics, BGBL 15 (1972) 285	SR 817.02 Recommendation of BfR (Germany)	Coloured plastics, silicone, rubber with food contact: no color release		
17	Polycyclic aromatic hydrocarbons (PAH) (Annex 1) (only if coloured)	AfPS GS 2019:01	SR 817.023.21 (EU) 10/2011	8 PAH: n.d. 0.2 mg/kg (each)		
18	Primary aromatic amines	DIN 13130, UV/Vis	SR 817.023.21 (EU) 10/2011 BfR XXI (Germany)	n.d. (each 0,01 mg/kg) Shall not be detected (Detection Limit = 0.002 mg/kg for substances under Entry 43 of Annex XVII of Regulation be PAAs)	EC 1907/2006; 0.01	mg/kg for other
19	Overall Migration	EN 1186	SR 817.023.21 (EU) 10/2011	≤ 10 mg/dm2 or 60 mg/kg		
20	Specific Migration of heavy metals	EN 13130	SR 817.023.21 (EU) 10/2011	Specific migration shall not exceed the requirements of 19 heavy metals		
21	Sensory test	DIN 10955	EU) 1935/2004	<3		
	Colourants (SR 817.023.21 LGV) (specific requirements for Switzerland listed in Annex 10): https://www.blv.admin.ch/dam/blv/de/dokumente/lebensmittel-und-ernaehrung/rechts-und-vollzugsgrundlagen/lebensmittelrecht2017/anhang10-verordnung-materialien-kontakt-lm-gg.pdf.download.pdf/Anhang_10.pdf May be used to painting of plastic parts that may come into contact with food: a. colourants approved for food pursuant to SR 817.022.31 (LGV); b. barium sulphate;					nang10-
22	Colourants	In House	SR 817.023.21	 c. barite varnish that does not include barium carbonate and water-soluble barium compounds; d. chromium III oxide; e. copper and its alloys. 		
	Specific Plastics (with food	d contact)				
					Material	CAS No/ Mat. No
23	Specific migration of formaldehyde	DIN 13130, UV/Vis	SR 817.023.21 (EU) 10/2011	requirement of 15 mg/kg	PET Melamin	0000050-00-0 / 1
24	Specific migration of melamin	DIN 13130, UV/Vis	SR 817.023.21 (EU) 10/2011	Max. 2,5 mg/kg food simulant	Melamin	108-78-1
25	Residual vinylchloride	HS-GC-MS	SR 817.023.21 (EU) 10/2011	≤ 1 mg/kg (in Material)	PVC	0025322-99-0
26	Specific migration of bisphenol A	DIN 13130, HPLC-DAD/FLD	SR 817.023.21 (EU) 10/2011/ 2018/213	≤ 0.6 mg/kg food simulant From 2018 ≤0,5 mg/kg food simulant	PC	3253-39-2
27	Specific migration of Acrylonitrile-Butadien-Styrol (ABS)	DIN 13130, HS-GC-MS	SR 817.023.21 (EU) 10/2011	not detectable (< 0.01 mg/kg food simulant)	ABS, SAN	0000107-13-1
28	Specific migration of Polymethylmethacrylate (PMMA)	DIN 13130	SR 817.023.21 (EU) 10/2011	EU Regulation: ≤ 0.6 mg/kg	PMMA	9011-14-7
29	Toluene	GC-MS	SR 817.023.21 EC 1907/2006	≤1 mg/kg	PU	0000584-84-9
30	Isocyanates	EN 13130-8	SR 817.023.21 (EU) 10/2011	sum ≤ 1 mg/kg as NCO	PU	0000112-96-9
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No	Parameter	Method	Reference	Requirement	•	•
31	Butadiene, total content	HS-GC-MS	SR 817.023.21 (EU) 10/2011	not detectable ≤ 1 mg/kg	PS	0000078-79-5
32	Specific migration of hexamethylene diamine	DIN 13130, LC-MS/MS	SR 817.023.21 (EU) 10/2011	≤ 2.4 mg/kg food simulant	PA 6.6	0061269-61-2
33	Specific migration of caprolactame	DIN 13130, LC-MS/MS	SR 817.023.21 (EU) 10/2011	≤ 15 mg/kg food simulant	PA 6	105-60-2 / 360
34	Specific migration of acetaldehyde	DIN 13130, HPLC-UV	SR 817.023.21 (EU) 10/2011	≤ 6 mg/kg food simulant	PET	75-07-0 / 57
35	Specific migration of ethylenglycole and diethylenglycole	DIN 13130, GC-FID	SR 817.023.21 (EU) 10/2011	sum ≤ 30 mg/kg food simulant	PET	107-21-1; 111-46-6 / 413; 541
36	Specific migration of terephthalic acid and isophthalic acid (IPA)	DIN 13130, IC	SR 817.023.21 (EU) 10/2011	≤ 7.5 mg/kg food simulant (TPA) / ≤ 5 mg/kg food simulant (IPA)	PET	100-21-0 121-91-5/ 280; 289
37	Specific migration of antimony (Sb)	DIN 13130, ICP-OES	SR 817.023.21 (EU) 10/2011	≤ 0.04 mg/kg food simulant	PET	0001309-64-4
38	Total content of chromium (Cr), Vanadium (V), Hafnium (Hf), Zirconium (Zr)	DIN EN ISO 11885, ICP-OES	Not regulated in CH Recommendation of BfR XXI	≤ 10 mg/kg (Cr) ≤ 20 mg/kg (V) ≤ 100 mg/kg (Zr) ≤ 100 mg/kg (Hf)	PP	1
	Product specific requirements					
	FUNCTIONAL TESTS					
39	Hygiene	In House	-	All surfaces intended to come into contact with food shall be easily cleanable under normal circumstances.		
40	Stain Resistance	In House	-	No permanent staining after applying mustard, spaghetti sauce to different spots. Let stand 2 hours. Wash 1 cycle safe, soak 30 min. in hot, soapy water).	e in hot dishwasher (Or if not dishwasher
41	Drop Impact Test (If applicable)	In House	-	Sample shall not produce any breakage, cracking or other abnormalities after 10 drops from a height of 80 cm or	nto a concrete (tile) f	loor.
42	Stability Test (Applicable to Free-standing Items)	In House	-	The sample shall not overbalance on a 10-degree slope in all directions. Still stable, wobble a little bit		
43	Leakage Test (If applicable, not for insulated items)	In House	-	On the horizontal table fully filled with water with 0,5% soap liquid, and maintained for 24hrs. No leakage occurre	nce.	
44	Snap Fit Lid (If Applicable)	In House	-	Lid shall fit securely to the body of the sample. Snap fit lid shall fit onto cup		
45	Tightness for bottles (If Applicable)	In House	-	Lid shall remain attached when cup is filled with for 3/4 in water 60°C and inverted for 30 Min.		
46	Hinges / Locking Mechanism	In House	-	No Failure - 100 times cycling		
47	Stiffness of trays	In House		Size of Trays, cm2		

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Parameter	Method	Reference	Requirement			
PHYSICAL CHARACTERISTICS						
(if claimed)	Standard Measure	-	Report Actual. Shall comply with any claims (-0%, +5%).			
Overall Weight (kg & lbs) (if claimed)	Standard Measure	-	Report Actual. Shall comply with any claims (-0%, +5%).			
Volume or Capacity (L or Iq. oz) (if claim)	Standard Measure	-	Report Actual. Shall comply with any claims (-0%, +5%). Not for calibration!			
	Actual Use	-	Twice heavier as claimed (or full capacity x 1,5 times) for 5 Min. No breakage or adverse effects.			
PERFORMANCE TESTING						
Dishwashing durability (If Applicable)	EN 12875-1	-	Except silver-plated, aluminium and cast iron unless claimed to be dishwasher safe: 125 cycles according to the care instruction if any. No breakage or adverse effects, no color change and damage. Load in bottom rack unless claimed top loading only. If failure, must include warning label on package.			
Hand Wash durability (if dishwasher is not applicable)	In-House Method	-	Shall exhibit no exterior surface degradation, no color change and damage after being hand washed 10 times using a national brand soap 0,5% liquid detergent at peak of 40±5°C, followed by rinse in cold water.			
Heat Transmission	Actual Use	-	Fill the sample with boiling water for 15 Min and just cool down in room temperature, then measure the surface or handle temperature. Maximum surface temperature: 60°C			
Resistance to Hot Water	In House Method	_	Fill the sample with water 60±5°C for 15 Min and just cool down in room temperature. No color change, damage or adverse effects. For food products intended to be hot, water temperature 100+/-5°C For other food products water temperature 60 +/- 5°C, The handle temperature shall not exceed 40-45°C			
Effects of Heat (if applicable, not for oven safe)	In House Method	-	No visual change or failure after filling up with water 10 Min at 100 °C			
Effects of Cold	In House Method		No visual change or failure after filling up with water and frozen at -18 °C for 24 hours Slight deformation/coloration is allowed. Or food has some frost.			
Resistance to Microwave Heating (if microwave safe)	In House Method		Fill with food 90% of capacity. Food: goulash. Lid not fixed to the container, 800W until food is completely hot. No distortion/ color change/ melting/ deformation/ charring / staining shall be observable after 3 cycles.			
Extreme Heating in Microwave (if microwave safe)	EN 15284:2007		Keep the product at room temperature 20-25 °C for 1 hour. After short period heating (according to Norm), empty sample, surface temperature of handles shall not exceed 40-45°C. No deformation. No breakage as in Table 1 of EN 15284:2007 occurs. Slight deformation/coloration is allowed.			
	Overall Dimensions (cm & Inch) (if claimed) Overall Weight (kg & Ibs) (if claimed) Volume or Capacity (L or Iq. oz) (if claim) Handle Strength PERFORMANCE TESTING Dishwashing durability (if Applicable) Hand Wash durability (if dishwasher is not applicable) Heat Transmission Resistance to Hot Water Effects of Heat (if applicable, not for oven safe) Effects of Cold Resistance to Microwave Heating (if microwave safe)	Overall Dimensions (cm & Inch) Standard Measure (if claimed) Standard Measure Standard Measure Overall Weight (kg & Ibs) (if claimed) Standard Measure Standard Measure Overall Weight (kg & Ibs) (if claimed) Standard Measure Standard Measure Overall Weight (kg & Ibs) (if claim) Actual Use PERFORMANCE TESTING Dishwashing durability (if Applicable) EN 12875-1 Hand Wash durability (if dishwasher is not applicable) In-House Method Heat Transmission Actual Use Resistance to Hot Water In House Method Effects of Heat (if applicable, not for oven safe) In House Method Resistance to Microwave Heating (if microwave safe) In House Method	Overall Dimensions (cm & Inch) Standard Measure - (if claimed) Standard Measure - (if claimed) Standard Measure - (if claimed) Standard Measure - (if claim) Standard Measure - (if claim) Standard Measure - (if claim) Actual Use - (if claim) Actual Use - (if claim) PERFORMANCE TESTING Dishwashing durability (if Applicable) EN 12875-1 - (if dishwasher is not applicable) In-House Method - (if dishwasher is not applicable) In House Method - (if applicable, not for oven safe) In House Method I			

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