



Declaration of Conformity

We,

Bormioli Rocco S.p.A.
Viale Martiri della Libertà, 1
43036 Fidenza (PR) - Italy

declare under our sole responsibility that, based on our knowledge and on the information provided by our suppliers, the articles

GLASS CONTAINERS AND TABLEWARE ITEMS ***BRANDED BORMIOLI ROCCO AND BORMIOLI LUIGI***

Ref.N.: Invoice n. 22003612 R7 dated 22/02/2022

Composed of:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Soda lime glass | <input type="checkbox"/> Crystalline lead-free glass |
| <input type="checkbox"/> Borosilicate glass | <input type="checkbox"/> Opal Glass |

supplied by our Company, to which this declaration relates, **comply with the current standards concerning materials and articles in contact with foodstuffs:**

European Regulation:

- Reg. (CE) N., 1935/2004
- Reg. (CE) N. 2023/2006
- Dir. 84/500/CE, 2005/31/CE and following amendments

Italian Regulation:

- DPR 777/82 and following updates and amendments
- DM 21/03/1973 and following updates and amendments

French Regulation:

- French décret 2007-766
- Law 2012-1442
- DGCCRF 2004_64 dated 01/05/2016 (French Regulation on glass)

Spanish Regulation:

- Real Decreto 891/2006, de 21 de julio (transposición de la Directiva 84/500/CEE)

USA Regulation (FDA requirements):

- CPG 7117.07
- CPG 7117.06

Chinese Regulation:

- GB 4806.1-2016_EN
- GB 4806.5-2016_EN



We also declare that:

- Final destination/ end use: ☒ Domestic Use ☐ Food Industry Use

Bormioli Rocco Items (Soda lime, Starglass, Opal glass)						
Type	Thermal Shock [ΔT]	Oven	Microwave	Dishwasher	Electric Plate	Other
Crystalline and Sodalime annealed glass (clear, full mass coloured and decorated)	42°C	NO	max 70°C $\Delta T = 42^\circ C$	YES	NO	Wash before use
Spun / pressed tempered soda lime glass (clear, full mass coloured and decorated)	110°C	If indicated on the packaging	max 110°C	YES	NO	Wash before use
Spun / pressed tempered opal glass (clear and decorate, sprayed mugs)	110°C	If indicated on the packaging	max 110°C	YES	NO	Wash before use
Blown tempered glass (clear and full mass coloured)	100°C	NO	max 100°C	YES	NO	Wash before use
Eco friendly lacquered glass	42°C	NO	NO	If indicated on the packaging	NO	Wash before use
Bormioli Luigi Items (Soda lime and Sparkx, SON.Hyx, Thermal glass)						
Type	Thermal Shock [ΔT]	Oven	Microwave	Dishwasher	Electric Plate	Other
Crystalline and Sodalime annealed glass (clear, full mass coloured)	42°C	NO	max 70°C $\Delta T = 42^\circ C$	YES	NO	Wash before use
Borosilicate glass	> 50°C	NO	$\Delta T = 50^\circ C$	YES	NO	Wash before use

- Glass Composition

Our food grade glass composition*, expressed as oxide percentage, is the following:

Bormioli Rocco					
Soda – Lime Glass		Crystalline Glass (STARGLASS)		Opal Glass	
Oxide	%	Oxide	%	Oxide	%
SiO ₂	69 – 73	SiO ₂	67 – 71	SiO ₂	70 – 73
Al ₂ O ₃	1 – 3	Al ₂ O ₃	1 – 3	Al ₂ O ₃	6 – 8
CaO + MgO	9 – 13	CaO + MgO	7 – 10	CaO + MgO	2 – 4
Na ₂ O + K ₂ O	13 – 15	Na ₂ O + K ₂ O	13 – 15	Na ₂ O + K ₂ O	11 – 14
BaO	0 – 2	BaO	5 – 9	BaO	0 – 3
				F	4 – 6
Bormioli Luigi					
Soda – Lime Glass		Crystalline Glass (SON.Hyx)		Borosilicate Glass (Thermal glass)	
Oxide	%	Oxide	%	Oxide	%
SiO ₂	69 – 73	SiO ₂	68 – 71	SiO ₂	75 – 80
Al ₂ O ₃	1 – 3	Al ₂ O ₃	1 – 3	Al ₂ O ₃	1-3
CaO + MgO	10 – 13	CaO + MgO	7 – 10	B ₂ O ₃	8 - 12
Na ₂ O + K ₂ O	12 – 15	Na ₂ O	8 – 13	Na ₂ O	3 – 6
BaO	0 – 1	BaO+K ₂ O+ZnO	> 10		
ZnO	0-3				
*the composition can be modified also outside the indicated range for technical reason					



Above mentioned containers are suitable to come into contact with all types of foodstuffs.

Glass containers we supply comply with what foreseen for glass items belonging to Italian DM 21/03/1973 category A (suitable to the contact with all food types under all temperature conditions up to and including sterilization), Annex II Sect. 5, D.M 21/03/1973 and art. 2 section 1, a) b) c) D.Lgs. n° 108/92.

Leaching of Lead (Pb), Cadmium (Cd), Aluminium (Al), Cobalt (Co), Arsenic (As) from the food contact surface of above mentioned articles comply with limits and acceptance criteria described in ISO 7086 -1,2, ISO 6486 – 1,2 and in French Reg. DGCCRF 2004-64 (with following amendments such as Fiche MCDA n°2 V01 – 01/05/2016).

The material complies with the global and specific migration limits according to the above mentioned regulation at the following testing conditions:

Simulants	Time and Temperature
Distilled water	30 min at 120°C
Acetic acid 4% (p/v) in Water	24h at 22°C

Glass containers and tableware that we supply, do not contain any of the dangerous substances listed into Reg. (CE) N. 1907/2006 and following amendments. Heavy metals are not intentionally added in the flint glass formulation.

- Full Mass Coloured Glass

Full mass coloured glass is obtained by the addition of one or more metal oxides (list not exhaustive): Manganese (Mn), Nickel (Ni), Cobalt (Co), Iron (Fe), Copper (Cu), Selenium (Se).

- Sprayed items

Sprayed articles are decorated with organic enamels on the surface not in contact with food.

When the decoration is present in the area within a 20 mm distance from the tumbler rim (lip and rim area), the migration of Lead and Cadmium comply with limits and acceptance criteria described in DIN51032.

- Decorated Items

Screen Printing (Serigraphy) or Tampography is executed with inorganic enamels.

When the decoration is present in the area within a 20 mm distance from the tumbler rim (lip and rim area), the migration of Lead and Cadmium from the above mentioned articles comply with limits and acceptance criteria described in DIN51032 (Pb 2,0 mg/item, Cd 0.2 mg/item).

This declaration is only applicable to glass items without accessories (lids, gaskets, closures, stoppers, etc.).

The validity of this statement starts from the signature date and it will be revised only following substantial changes in the manufacturing of the material which could modify the essential requirements or with regard to regulation amendments.

Fidenza, 23/03/2022

Roberto Ghizzoni
Quality Assurance Manager