

DECLARATION OF COMPLIANCE WITH FOOD CONTACT LEGISLATION

1. Company Identification

We, Digmesa AG, Keltenstrasse 31, 2563 Ipsach, Switzerland, declare that the article and materials thereof described hereunder and assembled at our headquarters and manufacturing site at once in Switzerland are compliant with the corresponding food contact requirements listed in the present document.

2. Description of the article

Commercial name: Flowmeter Nano DM60

Item numbers:

93N-6211/1100x

93N-6211/1DUYO

Description: The nano DM60 Flow Sensor is a general-purpose device that has been specially designed for coffee machines that use vibratory pumps. The device is installed between the water tank and the vibration pump (on the suction side). This way measuring errors that arise during pulsating water flow caused by vibration pumps are minimized.

Picture of the article:



Product build-up of parts intended to come into contact with food:

Product build-up	FLOW			
Part designation	Measuring tube	Turbine / Impeller	Magnets	Impeller cage
Part number	309-0002/01	527-0002/01EX	480-0007	370-0001/01
Material type	Plastic PP	Plastic PVDF	Ceramic Hard ferrite	Plastic PP
Material formulation	Borcom WGAI140	Solef 1008-0001	Blockmagnet HF 28/26	Moplen HP500N
Max. food contact area (cm²)	4.938	0.332	0.055	0.504

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Revision: S. Reuge Datum: 21.03.2022 Approval: Version: S.Schneider

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3. Confirmation that those materials or items meet the relevant requirements of Food contact regulations

The materials and/or items covered by this Declaration comply with the relevant requirements laid down in Framework Regulation (EC) N° 1935/2004/EC, Regulation (EC) N°2023/2006 and other European and national texts applicable, listed below:

Relevant categories	List of regulations and / or other references texts applicable		of ance
of materials		Testing	DoC from Suppliers
	□ European Union: Regulation No.10/2011/EU on plastic materials and articles and its amendments	\boxtimes	
	☐ France: French Decree No. 2007-766 on materials and articles intended to contact with food and its amendments		
	☐ Germany: LFGB (Lebensmittel- und Futtermittelgesetzbuch) §30, §31 and its amendments		
	 ☑ Italy: Ministerial Decree of 21/3/1973 and its amendments ☑ Netherland: The Dutch Regulation on commodities in contact with food "Verpakkingen- en gebruiksartikelenbesluit" (Warenwet) 		
	☐ USA: (FDA) and its amendments, Title 21 CFR 177.1520- Olefin polymer and 21 CFR 177.2510(a) Polyvinylidene fluoride resins		\boxtimes
		\boxtimes	
	GMC Res. No.32/10 Technical regulation on migration from plastic material, packaging and equipment intended to come into contact with foods		
	GMC Res. No. 56/92 General provisions for Plastic packaging and food contact equipment	57	
	GMC Res. No. 3/92 General criteria of packaging and food equipment in contact with foods		
	☐ China: GB 4806.7-2016 National food safety standard - plastic materials and articles for food contact use		
	GB 4806.7-2016 National food safety standard – general safety requirements for food contact materials	57	
	 ⊠ Singapore: Sale of Food Act ⊠ South Korea: Standards & Specifications for Food Utensils, Containers & Packaging - Ministry of Food and Drug Safety 		
	☐ Taiwan: Sanitation Standard for Food Utensils, Containers and Packages		
	☐ Thailand: Food Act B.E. 2522 (1979) and Notification of the Ministry of Public Health (No. 295) B.E. 2548		
		\boxtimes	\boxtimes
Colouring	n/a (not applicable)		
Masterbatch			

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Ceramic / Glass	☑ European Union: Directives 84/500/EEC 84/500 amended by 2005/31/EEC for ceramic articles intended to come into contact with foodstuffs and EDQM "Technical Guide on Metals and alloys used in food contact materials" after Resolution CM/Res(2013) EEC.	
	Netherland: The Dutch Regulation on commodities in contact with food "Verpakkingen- en	
	gebruiksartikelenbesluit" ☐ GB 4806.4-2016 food safety requirement for ceramic ☐ Switzerland: Ordinance 817.023.21 and its amendments ☐ The Dutch Commodities Act (Regeling Verpakkingen en Gebruiksartikelen (Warenwet)), Annex A, Chapter IV ☐ Mercosur: ☐ GMC Res. No. 12/11 on Maximum Inorganic Contaminants in Food	
	GMC Res. No. 46/06 for Metallic Packages and Articles in Contact with Food GMC Res. No. 3/92 General criteria of packaging and food	
	equipment in contact with foods Japan: Japan Food Sanitation Act, Specifications and Standards for Food, Food Additives, etc.	
	 ☑ Singapore: Sale of Food Act ☑ South Korea: Standards & Specifications for Food Utensils, Containers & Packaging - Ministry of Food and Drug Safety 	
	☐ Taiwan: Sanitation Standard for Food Utensils, Containers and Packages	

The declarant can provide the appropriate documentation in support of the said compliance.

Product Certification



Additionally, our products are classified NSF/ANSI 169 - Special Purpose Food Equipment and Devices -

according Chapter 4 of the 2000 U.S. FDA Food Code. Please refer to the following link with the official NSF-listing:

http://info.nsf.org/Certified/Food/Listings.asp?Company=28180&Standard=169

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Particularities

(EC)Regulation N° 450/2009 into contact with food:	on active and in	ntelligent ma	aterials and it	tems intended to come
⋈ n/a (not applicable)				
(EC)Regulation N° 282/2008 contact with foods:	on recycled pla	stic materia	ı <u>ls</u> and items	intended to come into
⊠ n/a				
This declaration of compliance		stablished	in respect of	f the following:
○ Overall Migration testing				
Flowmeter part	Simulants		Time	Temperature
Measuring tube	Distilled water		2 hours	70 °C
Turbine / Impeller	Distilled water		2 hours	70 °C
Impeller cage	Distilled water		2 hours	70 °C
Assessment of non-listed s ☑ Not applicable ☐ Risk assessment (article 1 ☐ If not, list substances and	l9 of (EU) Regula	ation N° 10/	2011)	
Nom Identification CAS - EINECS - N° de Référence MCDA				
-		-		
Assessment of non-intention	onally added su	bstances (I	NIAS):	
☐ Not applicable				
Risk assessment (article 1 beyond risky proportions with	l9 of (EU) Regula food simulant C	ation N° 10/ (20% ethar	2011): No mi nol) under 3 x	grants detected : 24 h / 65°C.
☐ If not, list substances and	information relev	ant to the ri	sk assessme	ent
Nom		Identificat CAS - EIN		e Réf. MCDA
•		<u>=</u>		

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4. Information on substances with restrictions

List of substance(s) subject to restriction and migration limits according to Regulation 10/2011/EC:

FCM No. (10/2011 /EC)	CAS No.	Name	Limits (mg/kg)	A*	W*	C*	M*
19	- 0.0	N,N-bis(2-hydroxyethyl)alkyl (C 8-C 18)amine	1.2	х		X	
20	ex	N,N-bis(2-hydroxyethyl)alkyl (C 8-C 18)amine hydrochlorides	1.2	X		X	
132	75-38-7	Vinylidene fluoride	5.0	X			
368	693-36-7	Thiodipropionic acid, dioctadecyl ester	5.0	х			
433	2082-79-3	Octadecyl 3-(3,5-di-tert-butyl-4- hydroxyphenyl)propionate	6.0	х		х	
779	182121-12-6	9,9- bis(methoxymethyl)fluorene	0.05	x		x	

^{*} Compliance with these limits was established by Analysis (A), Worst case (W), Calculation (C) or Modelling (M).

In the case of tests, specify the simulant(s) and test conditions:

Flowmeter part	Simulants	Time	Temperature
Measuring tube	Distilled water	24 hours	40 °C
Turbine / Impeller	Distilled water	24 hours	40 °C
Impeller cage	Distilled water	24 hours	40 °C

Note: the material of the impeller cage (Moplen HP500N) was tested on another item and each regulated substance was in conformity with the Specific Migration Limits. The food contact ratio of the tested object being much higher than the one the impeller cage, the results can be taken into consideration, moreover with a safety margin for the nano configuration.

List of substance(s) subject to restriction but without migration limits according to Regulation 10/2011/EC:

List of additives having multiple function after Regulation 10/2011/EC (e.g. food additive and packaging additive):

E number	Name of Additive	PM/REF N° and/or CAS N°
E 470a	Calcium salts of fatty acids	977089-53-4
E 553b	Talc	14807-96-6

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5. Information related to the intended use	of the materials or items
Materials or items intended for infants and yo Type of food intended to be placed in contact All types of food products or	
 ☑ Beverage / aqueous foods (such as water) ☑ Acidic foods If the material and / or item subject to (concerned by the application of a reduced) 	
☐ Reduction factor due to fat content ☐ Reduction factor related to D2 simu ☐ Others: Contact conditions (time and temperatures) contact conditions (time and temperatures)	
The article and materials thereof covered by this repeated use in contact with the above-mentione of 24 consecutive hours each.	Declaration of Conformity is/are suitable for
Maximum surface / volume ratio in contact with the material or item (if applicable): 0.6 dm ² / 10	ith food used to establish compliance of 00 ml
Precaution before use: please note, that the art water (up to 50°C warm) prior to the first application	
6. Functional barrier (FB) in the case of m Regulation N°10/2011☑ Not applicable	ultilayer materials according to
Or tick the corresponding box if the materials med Multi-layer plastics (Article 13 (2), (3) and (4) (2) Multi-layer materials (Article 14 (2), (3) and (3) The material covered by this declaration is to be material covered.	of (EU) Regulation N° 10/2011)) of (EU) Regulation N°10/2011)



Please note, that this declaration replaces the precedent versions of it.

By observing the above requirements, we have fulfilled our duty of care regarding the compliance of the product we supply.

This declaration is valid on condition that there is no modification of material composition, that its intended use has not changed and in the absence of significant regulatory changes. "The DGGCRF (French Directorate General for Competition, Consumer Affairs and Prevention of Fraud) suggests a maximum duration of 5 years for the validity period of the test reports; if changes that may cause a change in the inertness of the material have occurred during this period, the tests must be repeated." ¹

Compliance is understood to be subject to compliance with the conditions of storage, handling and use, taking into account the specific characteristics of the material or item, and the conditions such as prescribed by professional practices or codes.

In the event of changes to the nature of the packaged product, its composition or its intended use, as well as in the event of a change in the conditions for using the material or the item, the person for whom this declaration is intended must ensure the compatibility packaging / content for which s/he then accepts responsibility.

Stefan Schneider	CEO
Name	Position
DIGMESA AG Keltenstrasse 31 CH 2563 lpsach	Ipsach, 21 th of March 2022
Authorized signature and stamp	Place and Date

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¹ (ANIA / Food Packaging Platform: Instructions for completing the Declaration of Compliance with food contact legislation, March 2019. https://www.ania.net/alimentation-sante/declaration-conformite-materiaux-equipements-au-contact-denrees-alimentaires)