

## Test report of the sample No. 1289/1

Date of issue: 07/08/2020

**Acceptance n.:** 1289/1  
**Reception date sample:** 14/07/2020  
**Customer:** TIFQ (via scarsellini, 13 – 20161 Milano (Mi)), per  
 SE.FA SRL - Sant'Alberto (Ravenna)  
**Category Array:** RUBBER  
**°Sample:** EPDM  
**°Description of the sample:** miscela in gomma EPDM\_SEFA  
**°Start procedure:** The sample sent by the customer  
**Contact time:** 24 h  
**Temperature:** 40 °C  
**Simulant:** Distilled water  
**Ratio surface/volume:** 0,6 cm<sup>-1</sup>

Parameter	Method	UM	Result	Uncertainty	Start-end date analysis	Limits	Note
Overall migration	DM 21/03/1973 SO GU n° 104 20/04/1973, DM n° 220 26/04/1993 SO GU n° 162 13/07/1993, DM n° 338 22/07/1998 GU n° 228 30/09/1998, DM n° 174 24/09/2008 SO GU n° 261 07/11/2008	mg/dm <sup>2</sup>	<2.0	-	05/08/2020- 06/08/2020	8 mg/dm <sup>2</sup> DM n° 174 6/04/2004	-
Parameter	Method	UM	Result	Uncertainty	Start-end date analysis	Limits	Note
Specific migration*	DM 21/03/1973 SO GU n° 104 20/04/1973, DM n° 220 26/04/1993 SO GU n° 162 13/07/1993, DM n° 338 22/07/1998 GU n° 228 30/09/1998, DM n° 174 24/09/2008 SO GU, Reg. (EU) n. 10/2011 GUUE L 12 del 15/01/2011 n° 261 07/11/2008 + UNI EN 1186-1:2003 + MP 06 Rev. 0		-	-	05/08/2020- 06/08/2020	DM n° 34 21/03/73	-
Barium		mg/Kg	<0.02	-		1	
Cobalt		mg/Kg	<0.02	-		0.05	
Copper		mg/Kg	<0.5	-		5	
Iron		mg/Kg	<0.5	-		48	
Lithium		mg/Kg	<0.04	-		0.6	
Manganese		mg/Kg	<0.02	-		0.6	
Zinc		mg/Kg	2.4	-		25	

\*Test method not accredited by Accredia

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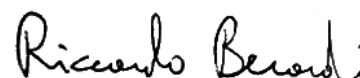
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 Via Danimarca – Contrada Macchialonga – Sede SASUS (ex CRAI)  
 87036 Rende (CS) - Italia  
 Web [www.tifqlab.it](http://www.tifqlab.it)

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### Conformity Assessment– (not subject to Accredia accreditation)

The sample examined, based on the tests performed out and the values found, complies with the requirements contained in DM 174/2004.

Person in charge of Laboratory  
 Dr. Riccardo Berardi, PhD  
 Chemistrals register n° 653A



Information provided by the customer. The laboratory declines all responsibility for the data provided by the customer which may influence the validity of the results. This Test Report refers only to the material tested. The results refer to the sample as received  
 The laboratory, except for agreements previously concluded, takes care to retain samples and any counter samples for a maximum period of 3 months from inventory.

Information about the samples tested and the digital copy of this test report is stored on a Web Application that relies on a relational database.

Measurement uncertainty: uncertainty is extended and was calculated with a coverage factor  $K = 2$  corresponds to a level of confidence of approximately 95% confidence interval or calculated at a level of confidence of approximately 95%.

UM=Unit of Measure

LoQ=limit of quantification of the method. LoQ for global migration= 2 mg/dm<sup>2</sup>

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