

**TEST REPORT NO 64059/24/TYC/Z1**  
Replaces test report no. 64059/24/TYC of 20.02.2024

Client <b>GRZANPOL SP. Z O.O.</b> ul. Kolejowa 50 32-332 Bukowno		Sample (according to declaration of Client) Sample description: Elastic Netting, rubber and polyester, white	
Sample reception date:	06.02.2024	Sample status: no objections	
Start of analysis	09.02.2024	Sample received from the Client	
End of analysis	20.02.2024		
Test report date	21.02.2024		

Test Method	Food simulant	Test conditions	Unit	Result	Criteria	Statement of conformity
* Overall migration - food simulant A <sup>1) 2)</sup> 4) PN-EN 1186-1:2005	10% EtOH	4 h/ 100°C	mg/dm <sup>2</sup>	1,0 (1,0; 1,0; 1,0) ± 1,0	≤ 10	Pass
* Overall migration - substitute food simulant D2e <sup>1) 2) 3) 4)</sup> PN-EN 1186-1:2005	95% EtOH	10 d/ 60°C	mg/dm <sup>2</sup>	5,5 (5,5; 6,0; 5,5) ± 1,5	≤ 10	Pass
* Overall migration - substitute food simulant D2i <sup>1) 2) 3) 4)</sup> PN-EN 1186-1:2005	isoctane	30 h/ 60°C	mg/dm <sup>2</sup>	3,5 (3,5; 3,5; 3,0) ± 1,0	≤ 10	Pass

1) Migration method: total immersion.

2) Food contact surface area/food simulant volume: 1,00 dm<sup>2</sup>/100 ml.

3) On client's request the test result was divided by correction factor: 4 (in accordance with the Commission Regulation (EC) No 10/2011 of 14 January 2011).

4) Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food which is a specific measure within the meaning of Article 5(1) of Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC (OJ L12 of 15.1.2011, as amended).

Overall migration - substitute food simulant D2e: Identification of the change: test result

Overall migration - substitute food simulant D2i: Identification of the change: test result

Authorized by:

ID: 1418, Analysis Specialist, Non-Food and Packaging Laboratory

The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:

Chwaszczyńska 180, 81-571 Gdynia

The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor k=2 at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. If the "result" column of the accredited method contains a record: "<" or ">", it means, that it is the test outcome directly related to the lower or upper limit of the measuring range of the accredited method, whereas the given expanded measurement uncertainty relates only to the lower or upper limit of the measuring range of the accredited method respectively. In such a case, the Laboratory presents the opinion and interpretation in the "statement of conformity" column, which is based on the obtained test outcome. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on [www.hamilton.com.pl](http://www.hamilton.com.pl).

\* Test method accredited

# Test performed by external provider

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