



SUBJECT Chemical Test

TEST LOCATION TÜV SÜD China

TÜV SÜD Products Testing (Shanghai) Co., Ltd.
B-3/4, No.1999 Du Hui Road, Minhang District
Shanghai 201108, P.R. China

CLIENT NAME Polyestershoppen B.V.

CLIENT ADDRESS Oostbaan 680 2841 ML Moordrecht The Netherlands

TEST PERIOD 12-Jun-2026~22-Jun-2026
06-Jul-2026~10-Jul-2026

RESULT SUMMARY The tested items **complied with** Res AP (2004) 5 on silicones to be used for food contact applications; German Food & Feed Acts of September 1, 2005 (LFGB), Section 30 and 31 and BFR Recommendations XV; Europe Regulation 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste

- Overall migration test
- Peroxide value
- Volatile Organic Matters
- Total Platinum
- Sensory test
- Total Lead, Cadmium, Chromium(VI) and Mercury

PASS
PASS
PASS
PASS
PASS
PASS

Prepared By

Minnie Gu

(Minnie Gu)
Report Drafter

Authorized By

Annie Feng

(Annie Feng)
Authorized Signatory

Note: (1) The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied." .For full version, please visit:
<https://www.tuvsud.com/en/terms-and-conditions>

(2) The results in this report are relevant only to the sample(s) tested.

(3) The test report may not be reproduced in part without written approval of the laboratory.

(4) Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.

By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

(5) The testing report without CMA stamp is not legally binding and could only be used as internal reference material for the applicant. It shall not be provided as a notarial certification.

SAMPLE SOURCE/ RECEIPT DATE / TEST DATE

Logistics Express / 12-Jun-2026/ 12-Jun-2026
Logistics Express / 06-Jul-2026/ 06-Jul-2026

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS

Sample Name: RESION Shore A15 Silicone Rubber
Sample Type/ Specification: RESION Shore A15
Batch No./Date: N/A
Manufacturer: Confidential – supplied under the RESION brand

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
7216017173	Blue silicone	

TEST RESULT(S)

Note: The migration results in this report were tested and expressed based on repeated use articles.

- Overall Migration Test
 - Test method: With reference to EN 1186-3:2022
 - Migration ratio(S/V): 10dm²/L

Simulant(s) Used	Test Condition	Result(s) [mg/dm ²]	Maximum Permissible Limit [mg/dm ²]
Distilled water	100°C for 4 hours	<3.00	10
3% Acetic acid	100°C for 4 hours	<3.00	10
10% Ethanol	100°C for 4 hours	<3.00	10

- Test method: With reference to EN 14338:2003
- Migration ratio:1.0 dm² /4.0g

Simulant(s) Used	Test Condition*	Result(s) [mg/dm ²]	Maximum Permissible Limit [mg/dm ²]
MPPO	180°C for 2 hours	<3.00	10

Note: “*” denotes this test condition was provided by the client

2. Peroxide Value

- For compliance with the Recommendation of the BfR “Kunststoffe im Lebensmittelverkehr”
- Test method: With reference to Bundesgesundheitsbl. 40 (1997), 412.

Test Item(s)	Result(s)	Maximum Permissible Limit
Peroxide Value	Absent	Absent

3. Volatile Organic Matter

- Test method: With reference to BFR Method: Determination of volatile compounds in silicone consumer products

Test Item(s)	Result(s) [%]	Maximum Permissible Limit [%]
Volatile Organic Matter	0.418	0.5

4. Total Platinum

- Test method: Microwave digestion, then followed by ICP-OES

Test Item(s)	Result(s) [mg/kg]	Maximum Permissible Limit [mg/kg]
Total Platinum	<15	50

5. Sensory test

- Test method: With reference to DIN 10955:2024-01.
- Test condition: Dough, 180°C for 1 hour
- Migration thickness: 0.5cm

Sample(s)	Testing Parameter	Intensity result(s)	Description of the difference (from Intensity ≥ 2)	Recommended level
7216017173	Transfer of look	0	NA	<3
	Transfer of taste	0	NA	<3
	Transfer of smell	0	NA	<3

Note:

1. NA denotes Not Applicable
2. Available Intensity scale are listed as follow:
Intensity scale: 0: No perceptible look/taste/smell deviation
1: Just perceptible look/taste/smell deviation
2: Weak look/taste/smell deviation
3: Clear look/taste/smell deviation
4: Strong look/taste/smell deviation

6. Concentration of heavy metals in packaging and packaging waste

- Test method: Microwave digestion, analytely by ICP-OES

Test Item(s)	Result(s) [mg/kg]	Detection limit [mg/kg]
Cadmium content (Cd)	ND	10
Hexavalent Chromium Content (Cr VI)	ND	10
Lead content (Pb)	ND	10
Mercury content (Hg)	ND	10
Sum of Cd + Cr(VI) + Pb+ Hg	ND	--
Limit [Sum of Cd + Cr(VI) + Pb+ Hg]	should not exceed 100	--

Note: ND denotes Not detected and the result less than Detection Limit

-END OF THE TEST REPORT-