

Test Report

No.: SHHL2007532062SD-01

Date: AUG. 21, 2020

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ELEKTRO3 S COOP C.L.

POL. IND. ALBA C/BARENYS 21 43480 VILASECA TARRAGONA SPAIN

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHHL2007532062SD,
DATE: AUG. 19, 2020, ORIGINAL REPORT SHALL BE INVALID.

Sample Description : RUBBER HOT WATER BOTTLE
Item No. : SERVERAL ITEMS
Country of Origin : SPAIN
Country of Destination : SPAIN
Client reference information : 76770, 76771, 76772, 76773, 76774, 76775, 76776,
76777, 76778, 76779, 76780, 76781

Sample Receiving Date : JUL. 27, 2020
Testing Period : JUL. 27, 2020 TO AUG. 19, 2020
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested : BS 1970:2012 HOT WATER BOTTLES MANUFACTURED
FROM RUBBER AND PVC –SPECIFICATION
(EXCLUDING CLAUSE 8.2)
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE
FOLLOWING PAGE(S)
Conclusion : THE SUBMITTED SAMPLE MET THE TEST
REQUIREMENT.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.Melody Zhang
Authorized Signatory

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Test Conducted:

BS 1970:2012 Hot water bottles manufactured from rubber and PVC – Specification (excluding clause 8.2)

Nos. of Specimen : 10 pcs hot water bottle
 Sample Material : Rubber
 Sample Color : Red
 Filling Type : 2/3 Full Fill
 Test Result : Pass. See below table.

Clause	Test Items	Result	Note
3	Composition	Pass	# 1
4	Physical properties		
4.1	Visual examination	Pass	---
4.2	Thickness	Pass	---
4.3	Filling characteristics	Pass	---
5	Closures		
5.1	General	Pass	---
5.2	Test for separation of screwed closure	Pass	---
5.3	Rubber components	N/A	# 2
6	Performance		
6.1	Leakage	Pass	---
6.2	Strength of bonded seams	Pass	---
6.3	Pressure test	Pass	---
6.4.2	Tensile tests for rubber hot water bottles		
6.4.2.1	Tensile stress-strain properties before aging	Pass	---
6.4.2.2	Tensile stress-strain properties after aging	Pass	---
6.4.2.3	Tensile stress-strain properties after immersion	Pass	---
6.4.3	Tensile tests for PVC hot water bottles		
6.4.3.1	Tensile stress-strain properties before aging	N/A	# 2
6.4.3.2	Tensile stress-strain properties after aging	N/A	# 2
6.4.3.3	Tensile stress-strain properties after extraction	N/A	# 2
6.5	Other material specific requirements		
6.5.1	Tension set for rubber hot water bottles	Pass	---
6.5.2	Percentage mass change after extraction for PVC hot water bottles	N/A	# 2
6.5.3	Creep resistance for PVC hot water bottles	N/A	# 2
6.6	Tear strength	Pass	---
7	Marking	Pass	---



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Clause	Test Items	Result	Note
8	Information labeling		
8.1	General	Pass	---
8.2	Hot water bottles with screw stoppers	N/C	# 3
8.3	Hot water bottles with closures other than screw stoppers	N/A	# 2
9	Packaging	N/A	# 2

Note: # 1: See below test result.
 # 2: N/A means not applicable for this sample design.
 # 3: N/C means not conducted as per client's requirement.

Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The declaration of conformity is based on non-binary acceptance decision rules with guard band, and the guard band length parameter is 0. When the measured value falls in the guard band limit, the declaration of conformity is "Conditional PASS" or "Conditional FAIL".
3. The report was added the Client reference information.



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA20-146836.001	Red soft plastic body
SN2	SHA20-146836.002	White plastic lid

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

BS 1970:2012-Composition

Test Method : With reference to BS EN 71 Part 3:1995, analysis was performed by ICP-OES

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Soluble Lead (Pb)	90	mg/kg	5	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND
Conclusion				PASS	PASS

Notes :

- (1) Results shown are of the adjusted analytical results.



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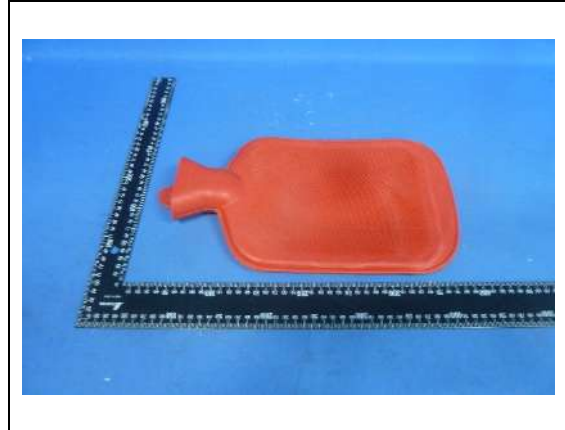
Sample Photo:

Received sample with package

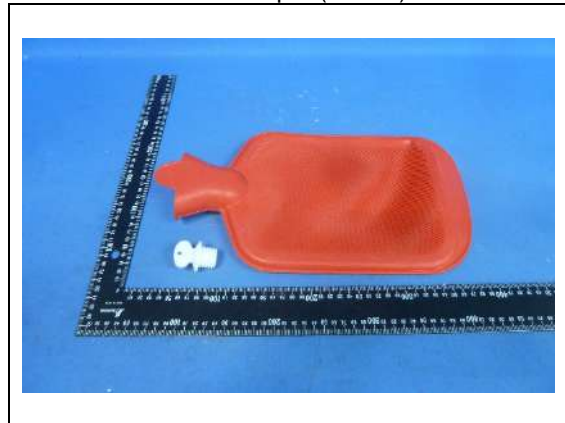
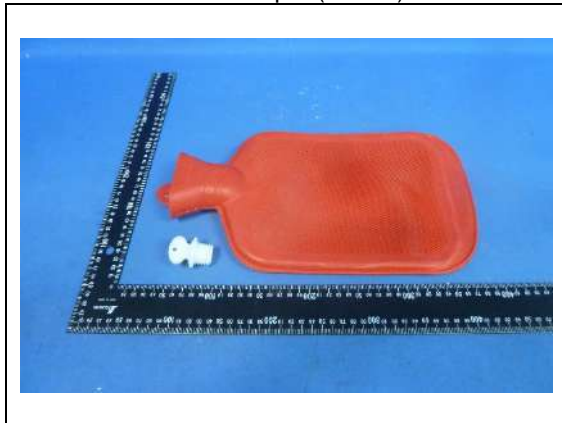


Test sample (side A)

Product



Test sample (side B)



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The applicable label statement



The manufacture date



Warning on the product



Warning on the product



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The applicable standard



The identification of manufacturer



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End of Report



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