



Test Report

No.: SHHL2003509370CW-01

Date: MAY 08, 2020

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XIANGTAN DANA TECHNOLOGY CO.,LTD

9 FLOOR, CHANGTANG BUILDING, HUOJU ROAD, YUETANG DIS. XIANGTAN CITY, HUNAN,
CHINA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT NO.: SHHL2003509370CW, DATE:
APR. 14, 2020, ORIGINAL REPORT SHALL BE INVALID.

Sample Description : ACT GEVI ENAMEL STEEL GRILL PAN 28X28CM-PTFE
COATING

Item No. : 153076

Buyer : AUCHAN

Country of Origin : CHINA

Supplier : XIANGTAN DANA TECHNOLOGY CO.,LTD

Sample Receiving Date : MAR. 31, 2020

Testing Period : MAR. 31, 2020 TO MAY 08, 2020

Testing Location : 3RD BUILDING, LANE 3999, XIUPU RD., PUDONG
DISTRICT, SHANGHAI, CHINA

Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT

Test Requested : COOKWARE PROTOCOL – EN 12983-1:2000 + A1:2004
FOR AUCHAN IMPORT EXPORT (EXCLUDING CLAUSE
8&10)



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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.



Yomoro Gu
 Authorized Signatory



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Test Conducted:

- Cookware Protocol – EN 12983-1:2000 + A1:2004 For Auchan Import Export (Excluding clause 8&10)**

Clause	Test Method / Requirement	Result
6. Construction		
6.1 General		
6.1.1 Stability	The product shall be stable when placed empty without the lid on a 5° inclined surface in the least favorable position, except for products whose intrinsic design features preclude them from complying with this requirement, e.g. certain woks	Pass
6.1.2 Selection of handles	All cookware, excluding shallow items, with a capacity greater than 3.75L or total weight of 5 kg when filled to capacity with water shall be fitted with two handles.	One handle Capability: 1.62 L Total Weight : 2.51Kg
6.1.3 Hygiene	All surface intended to come into contact with food shall be easily cleanable under normal circumstance.	Pass
6.1.4 Mechanical hazards	All components shall be free from burrs, splinters or sharp edges that could cause injury or discomfort to the user.	Pass
6.1.5 Handle position with respect to cookware	Handle shall be positioned above the centre of gravity of an item of cookware when filled with water to its capacity, --For shallow items, the clearance between the handle and the horizontal project of the base of the item of cookware at a point halfway along the handle assembly ≥ 30mm --In the case of side handle, the measurement is taken at the lowest point where they are held in normal use	Pass The Clearance is 33mm
6.1.6 Knob design	It shall be possible to use the knob for its normal purposes without coming into contact with any surface whose temperature exceeds the values given in 7.7 for the relevant materials	N/A



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Clause	Test Method / Requirement	Result
6.1.7 Lid Design	The design of the lid shall be such that it shall be possible to remove it from the body using a force equal to the weight the lid +2 N in any position at a temperature of (23±5) °C. This test shall be carried out both before and after bringing a quantity of water, equal to the usable capacity, to the boil and allowing it to cool to ambient temperature. The lid shall remain in place throughout the boiling and cooling stages. If the lid is fitted with a locking device, this test shall be carried out with the device disengaged.	N/A
6.2 Geometry		
6.2.1 Dimensions	The points of measurement of any claimed dimensions shall be clear to the consumer, e.g. by means of a simple sketch.	No claim Measured:446mm(L) X 271mm(W) X67mm(H)
6.2.2 Capacity	If a capacity is claimed, the actual capacity shall not be less than the claimed capacity	No claim Measured:1.62 L
6.2.3 Diameters	Any diameter claimed for the base shall be within ±10mm of the average of two measurement of the actual diameter taken at right angles to one another. Any other claimed diameter shall be within ±5 mm of the average of two measurement of the actual diameter taken at right angles to one another.	No claim <u>Opening diameter</u> Measured: 265mm <u>Base diameter</u> Measured: 123mm
6.2.4 Base thickness	If a thickness is claimed for the base of a product, the average thickness of the base shall be greater than 85% of the claimed thickness. The average thickness shall be measured as described in Figure 2 considering all points except the centre. If more than 22% of the base area is deliberately for aesthetic or functional reasons, either internally or externally, no claim for base thickness shall be made.	No claim <u>Average thickness:</u> Measured: 1.96mm
6.2.5 Base form	The base, when viewed from beneath, shall not be convex except for products whose intrinsic design features preclude them complying with this requirement, e.g. certain woks.	Pass
7 Furniture		
7.1 General	It is not the intention that all these tests shall be passed in sequence. Except where otherwise stated each test shall stand alone.	See clause 7.2 to 7.7



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Clause	Test Method / Requirement	Result
7.2 Resistance to burning	A handle shall be not melt or drip molten burning material when tested in accordance with annex A . Any burning shall self-extinguish within 15s of the removal of the flame. Once extinguished the handle material shall not spontaneously re-ignite	Pass
7.3 Heat resistance	All furniture designed to be attached to the main body of a product shall be free from cracks and blisters after completion of the test described in annex B for a temperature of 150 °C ±5 °C for 1 h. Purely decorative feature, e.g. thermoplastic inlays or sleeves, are exempt from this requirement.	Pass
7.4 Torque Resistance	When tested in accordance with annex C , the movement of the handle shall be no more than 10° in either direction. There shall be no damage affecting the function caused to the handle, ferrule or fixing system by this test.	Pass Left:2.8° Right:1.9°
7.5 Bending Strength	A handle fixing system shall withstand a bending force of 100N when tested as described in annex D , without failure of the securing system, i.e. rivets, welds, etc. Deformation or failure of the body or handle shall not count as a failure in this test, except where the part of the handle which failed is part of the fixing system.	Pass
7.6 Fatigue resistance	A handle assembly shall withstand 15,000 cycles, without permanent distortion or permanent loosening of the handle or its fixing system, when tested as described in annex E . Distortion of less than 5% of the handle length measured at the end of the handle is ignored unless it affects safety or function.	Pass
7.7 Thermal hazards	For the following material, the maximum temperature shall not exceed: a) metal 55 °C b) plastics 70 °C c) wood 89 °C d) ceramic, glass, stone 66 °C When tested as described in annex F . If the values exceed these limits, the manufacturer shall indicate in the instruction that the use of protection is required in order to ensure a safe handling of the cookware. It shall not be possible to touch, with a spherical probe 14mm in diameter, any metal part contained	Pass Plastic Max. Temp. 36.1°C



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Clause	Test Method / Requirement	Result
	within the insulated portion of the furniture which exceeds 55 °C when tested as described in annex F .	
8 Coatings on the body and the lid		
8.4 Organic external coatings		
8.4.1 Cross-cut adhesion	There shall be no removal of the coating greater than classification 2 when tested as described in EN ISO 2409 for hard substrates, with the following modifications: a) precondition the test piece by immersing in continuously boiling water for 15mins, allowing it to cool at ambient temperature and wiping it dry; b) Repeat 7.2.6 of EN ISO 2409:1992 A further 3 times applying the tape at 90° to the previous application each time.	N/C
8.4.2 Pencil hardness test	When tested on the base as described in annex K , the minimum acceptable hardness shall be 2 H	N/C
8.4.3 Pencil hardness test at elevated temperature	When tested on the base as described in annex K , with the test surface held at 200□, the minimum acceptable hardness shall be H	N/C
9 Performance		
9.1 Pouring	When tested as described in annex L , the liquid shall flow cleanly from the rim. There shall be no continuous dribbling but individual droplets may flow back on to the sidewall. Item of cookware provided with a pouring lip shall test to satisfy this requirement only at the pouring lip. Shallow products, e.g. frypans and omelette pans, shall only be tested if they are provided with a pouring lip.	N/A
9.2 Base stability under shock conditions	When tested as described in annex M , the base shall not become convex. This requirement is applicable only when the product is claimed as being for use on a solid plate or on a glass ceramic hob either with radiant or halogen heaters. This requirement does not apply to products claimed as being only for use on a gas or radiant ring.	Pass Remark: The bottom is convex when being heated by the aluminum block (See below photo)



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Clause	Test Method / Requirement	Result
	Verification of different Heat Sources (As Client's Specification)	
	Electricite - Electrical Hotplate	Pass
	Gas – Gas	Pass
	Vitroceramique – Ceramic Hob	Pass
	Induction 1. Place the item under test on top of the induction hob. 2. Switch the heat source to full power (3000W). 3. Allow the temperature to reach 250 °C. 4. On reaching this temperature, place the item on the wooden block (EN 12983-1:2000, M.1.5) and pour an amount of water (20 ± 5) °C, equal to 50 % of the capacity, into it within 5 seconds. 5. Leave the item on the wooden block for 30 seconds. 6. Remove the item from the block and cool it down to (20 ± 5) °C by immersion in water. 7. Measure and record the base concavity. 8. The test passes if the concavity measurement is positive and remains less than 1% of the base diameter.	Pass
10 Product information		
10.1 Point of sale information	All products or their packaging shall be labeled with the following information so that it is visible at the point of sale: 1. an indication as to the type, material and size of the product, e.g. 0,5 l milkan or 25 cm fry pan 2. a listing of the heating source types for which the product is suitable 3. the name of the manufacture, importer and retailer and reference of the product Note item 2 may be achieved by the use of generally accepted symbols. Suitable symbols are under consideration.	N/C



Clause	Test Method / Requirement	Result
10.2 Care and use instruction	<p>All products shall be accompanied by appropriate care, safety and use instructions including the following:</p> <ol style="list-style-type: none"> 1. advice on preparation before first use 2. advice on cleaning after use 3. advice on care of furniture 4. advice on obtaining optimum energy efficiency 5. general safety advice (see also 7.7) 6. specific advice on the care of non-stick surface, if appropriate 7. Specific safety instructions and warnings on the inherent dangers if the product is to be used for deep frying. In particular a specified fill level which should not be exceeded. 8. specific safety advice on the dangers of aluminum bases on stainless steel pans if allowed to boil dry 9. advice on what to do if the product proves to be unsatisfactory 10. name and contact address of manufacturer, importer or retailer 	N/C

Remark:

1. N/A =Not applicable; N/C=Not conducted (As per client's requirement)

Remark:

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2. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.
3. The samples were submitted for Base stability under shock conditions test only, the other test results were copied from SHHL2003509370cw, issued on APR. 14, 2020.



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Date: MAY 08, 2020

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Sample Photo:

Test sample



The bottom is convex when being heated by the aluminum block



SGS authenticate the photo on original report only

End of Report



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