



LABORATORY TEST REPORT

BS EN 198:2008 - Sanitary appliances. Baths made from cross-linked cast acrylic sheets. Requirements and test methods

Report No..... : WLR21/ECL/172/02

Sample No..... : WS21/ECL/172/02

Client Name..... : Moayana Technical Consultancy

Address..... : Amman, Jordan

Testing Laboratory :  **WIMPEY LABORATORIES**

Address : Ware House No. 01 & 02 Wimpey Building,
Plot No. : 364-8730, Al Quoz Ind. Area-01, Dubai - UAE.

Test item Description.. : Karina Bathtub (120 * 70 cm)

Manufacturer..... : Egyptian for Rubber and plastic industries (ERPI)

Model/Type Ref..... : 1100

Brand.... : WELLEN

Country of Origin..... : EGYPT

Test Standard : BS EN 198:2008 - Sanitary appliances. Baths made from cross-linked cast acrylic sheets. Requirements and test methods

Report Date..... : 16/05/2021

Test item received..... : 03/05/2021

Date of Test..... : 04/05/2021 – 12/05/2021

Tested by..... : SJV, AJC & VVS.

Summary of testing... : The Below test parameter complies with the specification of BS EN 198:2008





RESULTS

Test Environmental Conditions

Temperature (°C) : 23 ± 2
Relative Humidity (%) : 50 ± 5

| Clause No. | Requirement – Test | Observation / Measurement | Verdict | | |
|------------|--|--|---------|------|---|
| 4.0 | * General Requirements: | | | | |
| 4.3 | Surface appearance | No evidence of crack. | P | | |
| 4.4 | Dimension and clearance around waste outlet hole | Comply with standard requirement. | P | | |
| 4.5 | Overflow hole. Hole edges. | Not Applicable for this product | N/A | | |
| 4.6 | Hole Edges | Not observed chips, cracks and other defects | P | | |
| 4.7 | Bath-mounted tapware | Not Applicable for this product | N/A | | |
| 4.8 | Handgrips | Not Applicable for this product | N/A | | |
| 4.9 | * Dimension: | | | | |
| | Length | 1195.00 | P | | |
| | Width | 693.00 | P | | |
| | Height | 390.00 | P | | |
| | Waste Outlet Dia. | 50.00 | P | | |
| 4.10 | Geometric Deviations: | | | | |
| | Description | Standard Requirements | Unit | | |
| | Squaring | ≤ 5.00 | mm | | |
| | Straightness of rim sides | | | 1.42 | P |
| | Straightness of the bottom edge of the rim | | | 1.49 | P |
| | Flatness of the top surface of the rim | | | 1.52 | P |
| | | | | | |
| 4.11 | Bottom of the bath | Water has empty from the bath | P | | |



| 4.12 * Resistance to Temperature Change: | | | | | |
|--|----------------------------|------------------------------------|---|--|---|
| Description | Water Temperature (°C) | Standard Requirements | | | |
| Resistance to Temperature Change | 90 | ≤ 4.00 mm | Not observed evidence of distortion or other defects observed. | | P |
| 4.11 Resistance to Impact: | | | | | |
| Description | Clamp the tube length (mm) | Clamp the tube Inner Diameter (mm) | | | |
| Resistance to Impact | 1000 | 55 | Not observed evidence of distortion or other defects of the bottom and rim of Bathtub | | P |
| 4.12 Deflection Test/ Determination of rigidity | | | | | |
| A.5.4 Deflection of the rim and the bottom due to load on the bottom | | | | | |
| Description | | Duration | | | |
| Max. deflection on rims sides | | 10 Min | 1.56 mm | | P |
| Max. deflection on bottom sides | | 10 Min | 1.23 mm | | P |
| 5.0 Marking | | | | | |
| Durability & Legibility of Marking | | | Marking is durable, legible, readily identifiable & permanent way. | | P |
| Manufacturer | | | Egyptian for Rubber and plastic industries (ERPI) | | P |
| Model/Type Ref | | | 1100 | | P |
| Country of Origin | | | EGYPT | | P |
| Reference Standard (European) | | | Not provided | | - |

Remarks: The above tested parameter meets the standard requirements of BS EN 198

* Non accredited scope by IAS.

Signed for and on behalf of Wimpey Laboratories

A. Umar Farook
Technical Manager

Test results relate only to the samples tested.

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- End Text-





Photograph of Test Object and Marking

