



# TEST REPORT

|                            |                      |                                 |                       |
|----------------------------|----------------------|---------------------------------|-----------------------|
| Nº and date of test report | RN23382 / 05.11.2019 | Internal request for testing Nº | RN23382 / 18.10.2019  |
|                            |                      | Testing period                  | 21.10.2019–05.11.2019 |

Customer: PUBLIK DOO


Customer's address: Vladike Nikolaja 469,14000 Valjevo, Serbia

Nº and date of assignment document: 27.09.2019

Method of arrival of the test item: The sample was delivered by the client via courier company "DHL" with bill of landing NºGD885884160WW

Date of receipt of test item: 18.10.2019

Test item: Plastic electronic gas lighters, refillable, with a button for wind-proof flame generation in red colour, with cap, manufacturer model: JY-780, client number: 20.070 PIXI SOFT, 20.071 PIXI HD, 20.072 PIXI METALLIC, 20.073 PIXI WHITE, dimensions 72.1/17.8/32.6 mm

Manufacturer: 

Normative references : ISO 9994:2018, point 4.1, ISO 9994:2018, point 5.1, ISO 9994:2018, point 5.7, ISO 9994:2018, point 6.11, ISO 9994:2018, point 6.12, ISO 9994:2018, point 6.2, ISO 9994:2018, point 6.3, ISO 9994:2018, point 6.4, ISO 9994:2018, point 6.8, ISO 9994:2018, point 6.9

Number of test items: 25 items

Test performed by: dipl. eng. Yana Georgieva

Test report issued by: dipl. eng. Yana Georgieva

TC GLOBALTEST Manager  
Dipl.eng.Dimitar Tanev

  
signature

  
stamp

Results are listed on pages 2 to 3

ESD 7.8-2

**NOTE:**

Test results are only for the tested item. The report could be used only in its whole. Test report is valid only with "wet" stamp or signed electronically.

**RESULTS FROM TESTS – Test report RN23382 / 05.11.2019**

| Type of characteristic / Parameter   | Method                    | Unit of measurement | Limit (Range)   | Result  | Uncertainty | Test conditions         |
|--|---------------------------|---------------------|---|---|-------------|-------------------------|
| Functional requirements. Flame extinction.                                 | ISO 9994:2018, point 6.4  | s                   | 2*  | After releasing, there is no after burn more than 2 s for all test specimens - Passed the test                                  | -           | T - 20.2°C;<br>RH - 46% |
| Functional requirements. Flame generation.                                 | ISO 9994:2018, point 4.1  | N                   | An actuating force equal to, or greater, 15N*   | Flame generations force 50.47 N - Passed the test   | -           | T - 20.2°C;<br>RH - 46% |
| Functional requirements. Flame heights.                                    | ISO 9994:2018, point 6.2  | mm                  | 120*  | Average flame height 38.5 mm - Passed the test  | -           | T - 20.2°C;<br>RH - 46% |
| Functional requirements. Resistance to spitting or sputtering and flaring. | ISO 9994:2018, point 6.3  | -                   | Gas lighters when set at the maximum flame height, shall exhibit no spitting or sputtering* | No spitting, sputtering or flaring detected in test specimens - Passed the test   | -           | T - 21.5°C;<br>RH - 56% |
| Structural integrity requirements. Burning behaviour.                      | ISO 9994:2018, point 5.7  | s                   | 10s by angle of 45 °*   | Ten specimens can withstand an angle of 45 ° for 10s. - Passed the test   | -           | T - 21.6°C;<br>RH - 56% |
| Structural integrity requirements. External finish.                        | ISO 9994:2018, point 5.1  | -                   | There should be no surfaces that can cause injury*  | No surfaces are found that can cause injury to all specimens submitted for testing - Passed the test                            | -           | T - 22.2°C;<br>RH - 46% |
| Structural integrity requirements. Resistance to continuous burning.       | ISO 9994:2018, point 6.12 | min                 | 2*  | The gas lighters withstood a burning test for 2 min without any damage - Passed the test  | -           | T - 20.2°C;<br>RH - 46% |
| Structural integrity requirements. Resistance to dropping.                 | ISO 9994:2018, point 6.8  | m                   | Withstand three separate (1.5 +/- 0.1 m) drops*   | Five specimens of test lighters withstand three separate (1.5 +/- 0.1 m) drops, no cracked or broken lighters - Passed the test | -           | T - 20.2°C;<br>RH - 46% |
| Structural integrity requirements. Resistance to elevated temperature      | ISO 9994:2018, point 6.9  | mg/min              | Withstanding the temperature of 65 °C for 4 h.*   | Five specimens of test specimen withstand heating for 4 hours at 65 ° C, no cracked or broken lighters - Passed the test        | -           | T - 20.2°C;<br>RH - 46% |
| Structural requirements. Resistance to cyclic burning.                     | ISO 9994:2018, point 6.11 | s                   | Withstand a burning times 20 s repeated 10 times*   | The gas lighters withstand a 10 times burning test for 20s without any damage - Passed the test                                 | -           | T - 20.2°C;<br>RH - 46% |

\*ISO 9994:2018

Note: All lighters were stabilized at a temperature of (23 +/-2) degree.

