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TEST REPORT

№ and date of test report	RN51473 / 28/08/2024	Internal request for testing №	RN51473 / 14/08/2024
		Testing period	15/08/2024–28/08/2024

Customer:	PUBLIK DOO
Customer’s address:	Vladike Nikolaja 469,14000 Valjevo, Serbia
№ and date of assignment document:	02.07.2024
Method of arrival of the test item:	FedEx Delivery, waybill No. 277257606944
Date of receipt of test item:	14/08/2024
Test item:	Plastic flint flame lighter, refillable. Manufacturer model: 8G Client model: 20.084. – PYRO SOFT, 20.098. – PYRO, 20.099. - PYRO PRO, 20.100. – PYRO HD., Dimensions: 68.8/23.3/13.2mm
Manufacturer:	[redacted]
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:	50 items
Test performed by:	dipl. eng. Yana Georgieva
Test report issued by:	Yana Georgieva

TC GLOBALTEST Manager
Dipl.eng.Dimitar Tanev

stamp signature

Results are listed on pages 2 to 4 *ESD 7.8-2*

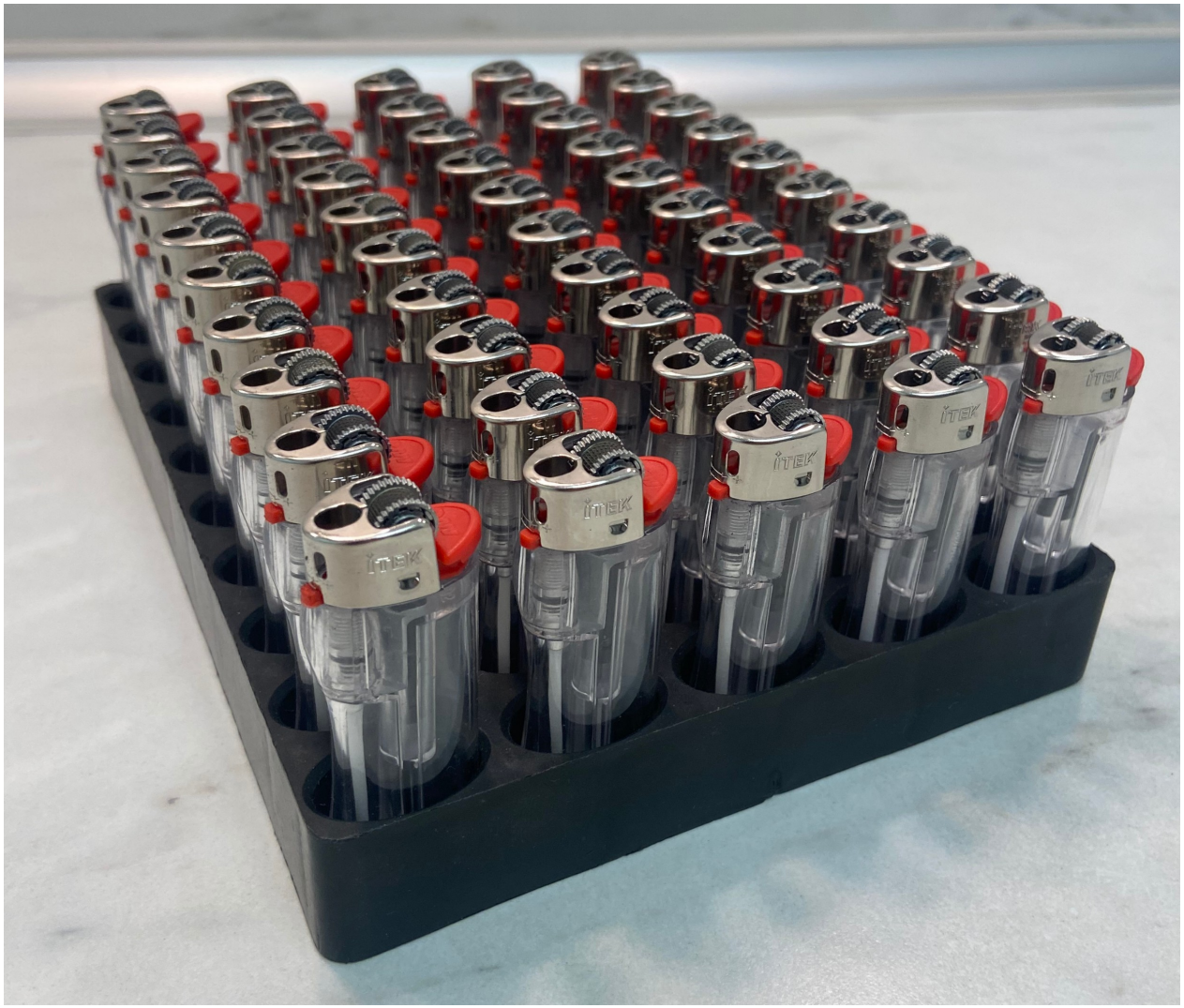
NOTE:
Test results are only for the tested item. The report could be used only in its whole. Test report is valid only with "wet" stamp or signed electronically.

RESULTS FROM TESTS – Test report RN51473 / 28/08/2024

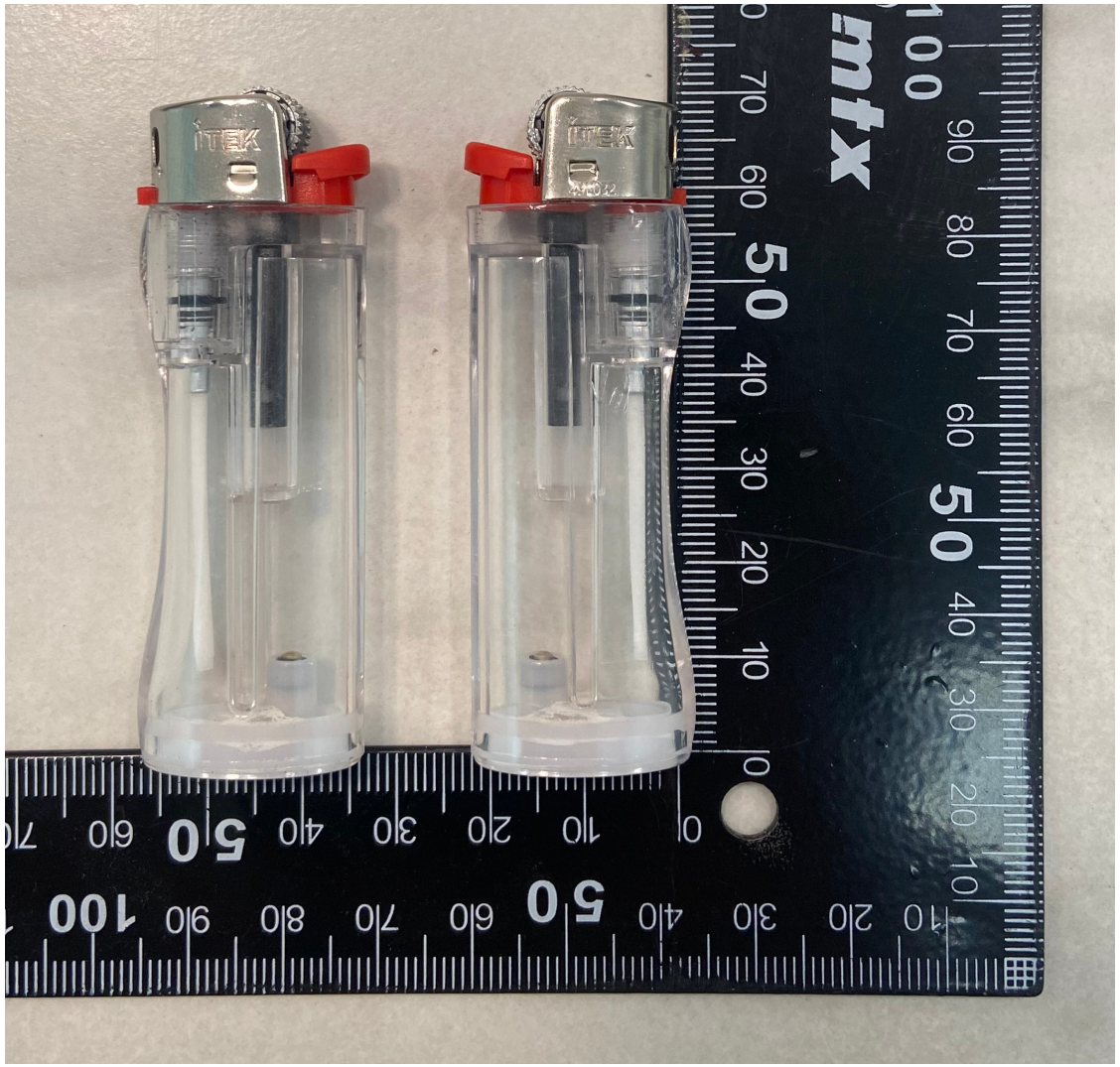
Type of characteristic / Parameter	Method	Unit of measurement	Limit (Range)	Result	Uncertainty	Test conditions
Functional requirements. Flame extinction.	ISO 9994:2018, point 6.4	s	2*	After releasing, there is no after burn more than 2 s for all test specimens - Passed the test	-	T - 20.6°C; RH - 58%
Functional requirements. Flame generation.	ISO 9994:2018, point 4.1	N	15N*	Two independent movements are required to generate a flame - Passed the test	-	T - 20.6°C; RH - 58%
Functional requirements. Flame heights.	ISO 9994:2018, point 6.2	mm	120*	Measured average flame height 56.4 mm - Pass the test	-	T - 20.6°C; RH - 58%
Functional requirements. Resistance to spitting or sputtering and flaring.	ISO 9994:2018, point 6.3	-	Gas lighters when set at the maximum flame geight, shall exhibit no spitting or sputtering*	No spitting, sputtering or flaring detected in test specimens - Passed the test	-	T - 20.6°C; RH - 58%
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 - 20.6°C; RH - 58%
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 - 21.2°C; RH - 53%
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 - 20.6°C; RH - 58%
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 - 20.6°C; RH - 58%
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	-	65.0 ± 2 °C
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 - 20.6°C; RH - 58%

*ISO 9994:2018
Note: All lighters were stabilizated at a temperatute of (23 +/-2) degrees

Photos



(a) – the test method is in scope of accreditation; (na) – the test method is out of scope of accreditation;



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