



Testing laboratory No. 1595
 accredited by ČIA
 according to ČSN EN ISO/IEC 17025: 2005



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Test report No. 1166/2018

Client:	PC INTERNATIONAL (CZECH) s.r.o., Airport Logistik Park, Kněževs u Prahy 185, 252 68 IČO: 25492683, DIČ: CZ25492683
Client order:	PICZ_180050
In-house order:	TP 1891/2018
Application form	1805376
Test material:	QPME CTKH V0
Detailed description:	xxx
Form of material:	PVC mat - sampled and delivered by customer
Preparation of samples:	see sample preparation prior to measurement
In-house No. of sample:	1805376
Date of receipt of the sample:	14.06.2018

Tests	Test specifications
Horizontal and vertical flame tests	UL 94 art. 7,8,9 ČSN EN 60695-11-10 ed.2

Test No.15	Horizontal and vertical flame tests - 50W (20mm) vertical burning test V-0, V-1, V-2	
Test standard:	UL 94	
Test equipment:	Chamber Atlas HVUL2	
Ignition source:	burner with an inner diameter 9.5 mm	
	The gas used: Methane 2.5	
Test conditions:	blue flame height 20 mm, the exposure time 2 x 10s	
	fume hood has not been used	
	temperature: 21,5°C	relative humidity: 46,2%
Description of the sample (sample type, the color, the location in the product, the number of samples tested)	PVC mat of black color and from this by cutting prepared the test specimens 125x13x2mm, 10 pieces	
Conditioning of samples:	5 pieces - 48 hours in the climate chamber at 23±2°C and 50±5% relative humidity; 5 pieces -168 ±2 hours in the hot air oven at 70±2°C and cooled in dessicator min. 4 hours at room temperature	
Conditioning of cotton indicator:	24 hours in dessicator at 23±2°C	
Deviations from the standard:	xxx	

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Test progress:	The test specimens burn by orange flame until after the second application of the flame. The material drips, but does not ignite the absorbent cotton.					
Number of test specimen:	Afterflame time after the first flame application t_1 (s)	Afterflame time after the second flame application t_2 (s)	Afterflame plus afterglow time after the second flame application t_2+t_3 (s)	afterflame up to the holding clamp: YES - NO	flaming particles or drops: YES - NO	cotton indicator ignited by flaming particles or drops: YES - NO
specimens conditioned in climate chamber						
1	0	1,5	1,5	NO	YES	NO
2	0	1,1	1,1	NO	YES	NO
3	0	1,5	1,5	NO	YES	NO
4	0	1,4	1,4	NO	YES	NO
5	0	1,6	1,6	NO	YES	NO
specimens conditioned in hot air oven						
1	0	7,1	7,1	NO	YES	NO
2	0	4,1	4,1	NO	YES	NO
3	0	7,2	7,2	NO	YES	NO
4	0	7,3	7,3	NO	YES	NO
5	0	3,9	3,9	NO	YES	NO
Classification:	V-0					
Tested by:	Škrhová, Dostálová		Dne:	21.6.2018, 26.6.2018		
Test evaluated by:	Škrhová, Dostálová		Dne:	21.6.2018, 26.6.2018		

Results

Test results are determined as arithmetic average with standard deviation or expanded standard uncertainty with the coverage factor $k=2$ corresponding to a level of confidence of 95,45 %

Declaration:

Test results relates only to the test subject.

Laboratory is not responsible for sampling and for sample preparations done by customer

Protocol can not be reproduced other than entire.

All results are metrologically traceable.

Test report was created by:

Jana Trbušková
 Jana Trbušková
 Chief laboratory technician

Test report was approved by:

Eva Kovařová
 Eva Kovařová
 Laboratory manager

In Bohuslavice:

03.07.2018

