



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



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## Test report No. 607/2018

<b>Client:</b>	Zemědělské družstvo Haňovice, PLASTY MLADEČ, Haňovice 18, 78321 Chudobín IČO: 00147346, DIČ: CZ00147346
<b>Client order:</b>	Obj/22/03/2018/PRI/464/I
<b>In-house order:</b>	TP 1013/2018
<b>Application form</b>	1802847
<b>Test material:</b>	PCABS FR 3030
<b>Detailed description:</b>	xxx
<b>Form of material:</b>	test specimens - sampled and delivered by customer
<b>Preparation of samples:</b>	xxx
<b>In-house No. of sample:</b>	1802847
<b>Date of receipt of the sample:</b>	23.03.2018

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

<b>Test No.15</b>	<b>Horizontal and vertical flame tests - 50W (20mm) vertical burning test V-0, V-1, V-2</b>	
Test standard:	UL 94	
Test equipment:	Chamber Atlas HVUL2	
Ignition source:	burner with an inner diameter 9.5 mm	
Test conditions:	The gas used: Methane 2.5	
	blue flame height 20 mm, the exposure time 2 x 10s	
	fume hood has not been used	
	temperature: 22,3°C	relative humidity: 47,8%
Description of the sample (sample type, the color, the location in the product, the number of samples tested)	test specimens of grey color 125x13x3mm, 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	
Test progress:	After the second flame application, the test specimens burn very shortly. The material does not drip and does not ignite the absorbent cotton.	

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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	2,6	0	NO	NO	NO
2	0	2,9	0	NO	NO	NO
3	0	2,6	0	NO	NO	NO
4	0	3,1	0	NO	NO	NO
5	0	2,5	0	NO	NO	NO
specimens conditioned in hot air oven						
1	0	3,6	0	NO	NO	NO
2	0	2,1	0	NO	NO	NO
3	0	4,5	0	NO	NO	NO
4	0	2,8	0	NO	NO	NO
5	0	2,7	0	NO	NO	NO
Classification:		<b>V-0</b>				
Tested by:		Zapletalová, Jančí	Date:		26.3.2018, 3.4.2018	
Test evaluated by:		Zapletalová, Jančí	Date:		26.3.2018, 3.4.2018	

**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 and approved by:

In Bohuslavice:

23.07.2018

*Eva Kovářová*

Eva Kovářová  
Laboratory manager

