



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



Bohuslavice 123
 798 56 Bohuslavice
 IČO 29211506
 DIČ CZ29211506

laboratory manager : Eva Kovářová
 tel.: + 420 582 383 680

kovarova@testpolymer.cz
www.testpolymer.cz

Test report No. 1513/2018

Client:	Zemědělské družstvo Haňovice, PLASTY MLADEČ, Haňovice 18, 783 21 Chudobín IČO: 00147346, DIČ: CZ00147346
Client order:	Obj/22/08/2018/PRI/464/I
In-house order:	TP 2535/2018
Application form	1807333
Test material:	PETG EB022 + flame retardant B65AM + black masterbatch
Detailed description:	xxx
Form of material:	test specimens - sampled and delivered by customer
Preparation of samples:	xxx
In-house No. of sample:	1807333
Date of receipt of the sample:	22.08.2018

Tests	Test specifications
Horizontal and vertical flame tests	UL 94: 2013 ČSN EN 60695-11-10 ed.2: 2014

Test No.15	Horizontal and vertical flame tests - 50W (20mm) vertical burning test V-0, V-1, V-2
Test standard:	UL 94: 2013
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: 23,6°C relative humidity: 49,8%
Description of the sample (sample type, the color, the location in the product, the number of samples tested)	test specimens of black color of dimensions 125x13x1,5mm, 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:	The test specimens do not burn after the first or second application of the flame. The material does not drip and does not ignite the absorbent cotton.

Test report No. 1513/2018

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	0	0	NO	NO	NO
2	0	0	0	NO	NO	NO
3	0	0	0	NO	NO	NO
4	0	0	0	NO	NO	NO
5	0	0	0	NO	NO	NO
specimens conditioned in hot air oven						
1	0	0	0	NO	NO	NO
2	0	0	0	NO	NO	NO
3	0	0	0	NO	NO	NO
4	0	0	0	NO	NO	NO
5	0	0	0	NO	NO	NO
Classification:			V-0			
Tested by:	Zapletalová, Dostálová		Date:	24.8.2018, 29.8.2018		
Test evaluated by:	Zapletalová, Dostálová		Date:	24.8.2018, 29.8.2018		

Results

Test results are determined as arithmetic average with standard deviation.

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 Kovářová

 Eva Kovářová
 Laboratory manager

In Bohuslavice:

31.08.2018

