

Amendment to test report SAF-26821 dated 25/02/2020 which this report supplements. ^{AM*} Denotes the amendment and/or update to the previous report by LUX-TSI	
Report Number	SAF-26821\AM1
Customer	SLP
Contact	TONY BOARDMAN
Product Type	P52 DGP PET 2MM
Test Purpose	Flamability Test
Test Standards	Annex B Method 508A of BS 2782-0:2011
Tested by	Martin Langdown
Date of Test	25 th February 2020 and 03 rd March 2020 ^{AM1}
Authorised by	Matt Hill
Number of products tested	6 ^{AM1}

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Signed:

Date: 09th March 2020

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The samples were supplied by the client and not selected by LUX-TSI

CLIENTS REQUIREMENTS:

The following samples were provided and prepared for testing in reference to the requirements given in Annex B, Method 508A of BS 2782-0:2011,

- P52 DGP PET 2MM

Set up:

The specimens were tested in a draught-free Fume Cabinet, clamped in a rigid support at one end so that its longitudinal axis is horizontal and its transverse axis is 45° to the horizontal and so that both lines on the specimen were clearly visible.

A piece of clean wire gauze, seven meshes per linear centimetre, 130mm square, was clamped in a horizontal position 6mm below the specimen with 6mm of the unsupported end of the specimen projecting beyond the edge of the gauze. A Bunsen burner with a non-luminous flame 13mm to 19mm in height was placed under the free end of the specimen so that the top of the flame just touches the specimen

The flame shall be removed after 10 seconds and the specimen allowed to burn. The time taken for the edge of the flame to travel the distance of 100mm between the two lines shall be measured with a stop watch and the rate burning of the specimen in millimetres per minute calculated there from.

Specimens in which the flame does not reach the first mark, the duration of the flame or afterglow after the burner has been removed shall be measured

Test Specimen:

The test specimen shall be 150mm long, 13mm wide and 1.5mm* thickness. The specimen is then marked with two lines drawn across the specimen, one at 25mm and the other at 125mm from one end

*The minimum thickness deferred to the thickness of material placed on the market (where declared by the manufacturer).

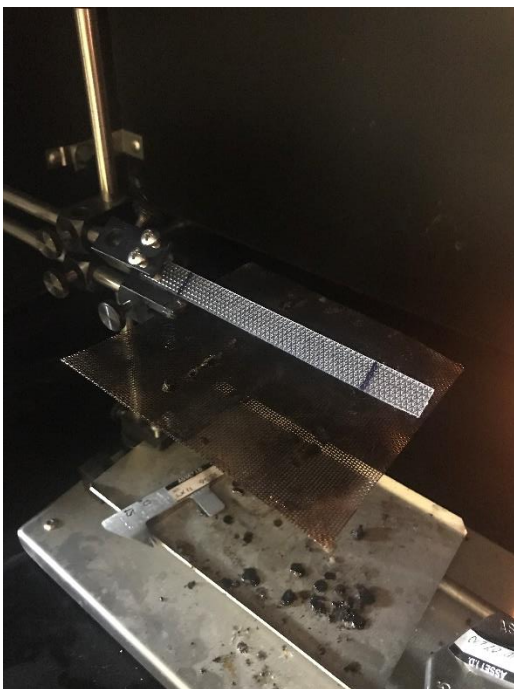
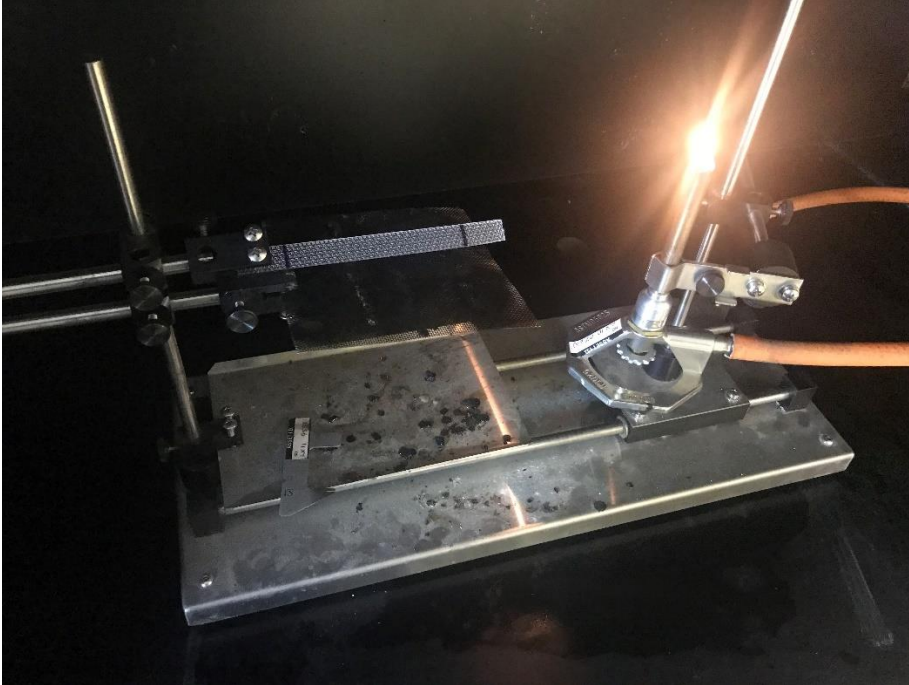
Note removed^{AM1}

PRODUCT DETAILS

P52 DGP PET 2MM



LABORATORY TEST EQUIPMENT



LABORATORY TESTS

All tests were carried out in a fume cabinet and as per details / client's instructions listed on page 2 of this report, under an ambient temperature of $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ unless specified.

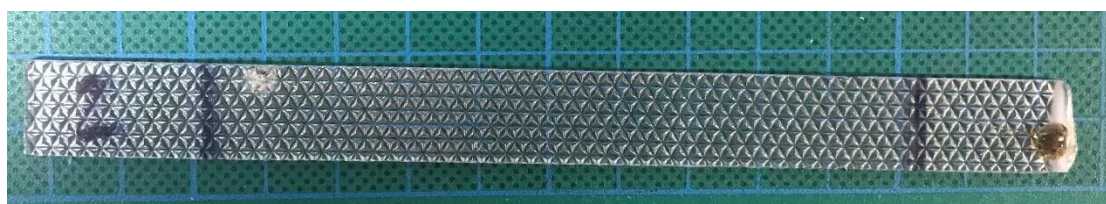
The samples were tested as detailed by the client with prism side down (exposed to the flame)

TESTED SAMPLES

Test Specimen No 1



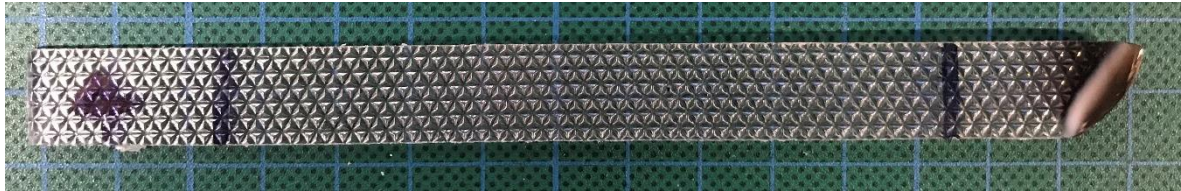
Test Specimen No 2



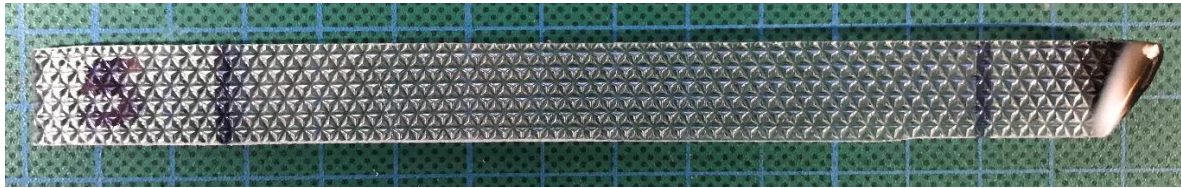
Test Specimen No 3



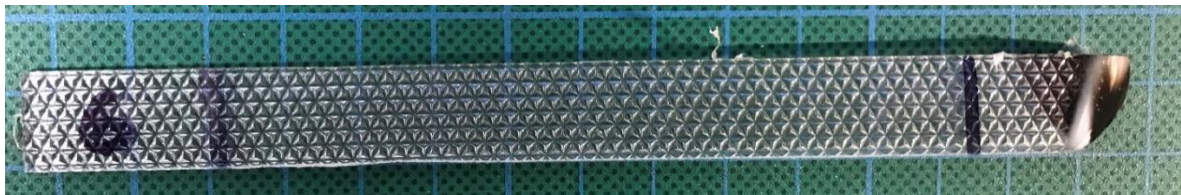
Test Specimen No 4^{AM1}



Test Specimen No 5^{AM1}



Test Specimen No 6^{AM1}



LABORATORY CONCLUSION:

A summary of the results are defined in the table below, with a summation of the resulting Pass / Fail criteria from the laboratory.

The following test results relate only to the behaviour of the test specimens in particular conditions of the test, they are not intended as a means of the potential fire hazard of the material in use.

The client has declared the specimen thickness supplied for testing are the same as placed on the market. The size of the specimens tested were 150mm long x 13mm wide x 2.08mm minimum thickness (where the standard specifies 1.5mm minimum thickness) with the following results as indicated in the table below :

Ref	Product Type	Pass / Fail	Comment
#1	P52 DGP PET 2MM	Pass	The flame did not reach the first mark and self extinguished when the ignition source was removed. The sample therefore met the requirements for Tp(a) classification
#2	P52 DGP PET 2MM	Pass	The flame did not reach the first mark and self extinguished when the ignition source was removed. The sample therefore met the requirements for Tp(a) classification
#3	P52 DGP PET 2MM	Pass	The flame did not reach the first mark and self extinguished when the ignition source was removed. The sample therefore met the requirements for Tp(a) classification
#4 ^{AM1}	P52 DGP PET 2MM ^{AM1}	Pass ^{AM1}	The flame did not reach the first mark and self extinguished when the ignition source was removed. The sample therefore met the requirements for Tp(a) classification ^{AM1}
#5 ^{AM1}	P52 DGP PET 2MM ^{AM1}	Pass ^{AM1}	The flame did not reach the first mark and self extinguished when the ignition source was removed. The sample therefore met the requirements for Tp(a) classification ^{AM1}
#6 ^{AM1}	P52 DGP PET 2MM ^{AM1}	Pass ^{AM1}	The flame did not reach the first mark and self extinguished when the ignition source was removed. The sample therefore met the requirements for Tp(a) classification ^{AM1}

*** End of Report ***