



August 25, 2015
Revised: September 4, 2015
Revised September 18, 2015

PLAZIT POLYGAL
Mr. John Temple
1100 Bond St
Charlotte, NC 28208
USA

Our Reference: SV30421/ 4787026497

Subject: Report of FAR 25.853-VERTICAL Test on Samples as Submitted By PLAZIT POLYGAL.

Dear Mr. Temple:

This is a Report summarizing the results of tests conducted under the Commercial Inspection and Testing Services (CITS) program of UL identified as Assignment No. 4787026497.

The Certification Marking of UL on the product is the only method provided by UL to identify products which have been produced under its Certification and Follow-Up Service. No use of a Certification Marking has been authorized as a result of this investigation.

Since the anticipated work has been completed, we have instructed our Accounting Department to terminate the investigation and invoice you for the charges incurred to date.

Should you have any questions, please contact the undersigned.

Very truly yours

A handwritten signature in cursive script that reads "Jamila Shawon".

Jamila Shawon (ext. 42607)
Senior Project Engineer
Fire Protection Division

Reviewed by:

A handwritten signature in cursive script that reads "R. K. Laymon".

Randy Laymon (ext. 42687)
Senior Staff Engineer
Fire Protection Division

T E S T R E C O R D N O 1

FAR 25.853-VERTICAL Test:

The tests were conducted in accordance with the test method outlined in Federal Aviation Administration, DOT; FAR 25.853-Vertical Test-1-1-12 Edition.

SAMPLES

PLAZIT POLYGAL supplied the test material to UL LLC for the investigation reported in this document.

The sample identifications are given in Table 1.

Table 1 - Sample Identification

System
Plastic strips
Sample Dimension: 2 inch. by 12 inch. by 0.088 inch

Tests were conducted in accordance with the requirements of test method outlined in the report. UL LLC did not witness the production of the test samples nor were we provided with information relative to the formulation or identification of component materials used in the manufacture of the test samples.

RESULTS:

Sample conditioned at 70 +/- 5 °F and 50 +/- 5% Relative humidity to equilibrium weight or 24 hours.

Test [Number]	Flame Time [Seconds]	Flame Time [Seconds]	Burn Length [Inches]	Drip Flame Time [Seconds]
1	12	2	1.25	0
2	12	3	1.50	0
3	12	2	1.25	0
Average:		2.33	1.33	0
Vertical [12 Second] Burn Test: Average Self Extinguish time may not exceed 15 Seconds. Average Burn Length may not exceed 8 inches. Average Dripping may not exceed 5 seconds after failing.				

Test [Number]	Flame Application Time [Seconds]	Flame Time [Seconds]	Burn Length [Inches]	Drip Flame Time [Seconds]
1	60	1	2.50	0
2	60	1	2.50	0
3	60	2	2.25	0
Average:		1.33	2.42	0
Vertical [60 Second] Burn Test: Average Self Extinguish time may not exceed 15 Seconds. Average Burn Length may not exceed 6 inches. Average Dripping may not exceed 3 seconds after failing.				

Test Result: Pass