

**CLIENT:** **Burger & CIE**  
Zone Industrielle Bos L'Abbesse.  
Liepvre, France 68660

**Test Report No: TJ8278-3**

**Date: September 21, 2021**

**SAMPLE ID:** The Client submitted and identified the following test material as “REF20360 / mafill CR XG 3544”.

**SAMPLING DETAIL:** Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

**DATE OF RECEIPT:** Samples were received at QAI facilities on September 1, 2021.

**TESTING PERIOD:** September 14, 2021

**AUTHORIZATION:** Proposal number 20MB10135R5

**TEST PROCEDURE:** The submitted sample was tested for Rate of Burning and/or extent of time of burning of plastics in a horizontal position in accordance with procedures outlined in ASTM D 635-14.

**TEST RESULTS:** Results can be found on the following pages and apply only to the sample tested.

**CLASSIFICATION:** The sample received a **CC-1** classification in accordance with The International Building Code – 2015.

**NOTE:** *This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire hazards or fire risk assessment of materials, products, or assemblies under actual fire conditions.*

**Prepared By**



Hunter Hoffman  
Project Engineer

**Signed for and on behalf of  
QAI Laboratories, Inc.**



Michael Lowry  
Project Manager – Fire Lab

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**SAMPLE:** REF20360 / mafill CR XG 3544

**TEST DATE:** 09/14/21

Conditioning Treatment: 70 °F  
 Temperature and Humidity at time of Testing: 70.0°F

Relative Humidity: 50 ± 5% for 48 hours  
 Relative Humidity: 68%

**Data:**

<u>Specimen Number</u>	<u>Dimensions (mm)</u>	<u>Burning Time (sec)</u>	<u>Burned Length (in)</u>	<u>Burn Rate (in/min)</u>
1	126 x 13 x 1.60	0	.00	0.00
2	126 x 13 x 1.60	0	.00	0.00
3	126 x 13 x 1.60	0	.00	0.00
4	126 x 13 x 1.60	0	.00	0.00
5	126 x 13 x 1.60	0	.00	0.00
6	126 x 13 x 1.60	0	.00	0.00
7	126 x 13 x 1.60	0	.00	0.00
8	126 x 13 x 1.60	0	.00	0.00
9	126 x 13 x 1.60	0	.00	0.00
10	126 x 13 x 1.60	0	.00	0.00
<b>AVERAGE</b>	126 x 13 x 1.60	<b>0</b>	<b>0.00</b>	<b>0.00</b>

**NOTES:**

**Class CC1:** "Plastic materials that have a burning extent of 1 inch (25.4mm) or less were tested at a normal thickness of 0.060 inch (1.5mm), or in the thickness intended for use, in accordance with ASTM D 635"

**Class CC2:** "Plastic materials that have a burning rate of 2.5 inches per minute (1.06 mm/sec) or less were tested at a normal thickness of 0.060 inch (1.5mm), or in the thickness intended for use, in accordance with ASTM D 635"

**CBC:** Cannot Be Classified. This description is for any test results that do not meet CC1 or CC2 criteria.

The CC rating is in accordance with the International Building Code-2015.

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**End of Report**