

**ISO 9239-1:2010 TESTING  
FOR  
TARKETT, INC  
ON  
MESTO 0.080" SKU: MHO PS1L,  
4288932709 07 SEPTEMBER 21  
VTEC #100-7010-1  
TESTED: DECEMBER 7, 2021**



# VTEC Laboratories Inc.

December 8, 2021

**Client:** Tarkett, Inc.  
1001 Rue Yamasaka East  
Farnham, Quebec, J2N 1J7  
Canada

**Attention:** Richard Bérubé

**SUBJECT:**

Standard Test Method for Determination of the Burning Behaviour Using a Radiant Heat Energy Source according to ISO 9239-1:2010 specifications.

**DISCLAIMER:**

This is a factual report of the results obtained from the laboratory test of sample products. The results may be applied only to the products tested and should not be construed as applicable to other similar products of the manufacturer. The report is not a recommendation or a disapprobation by VTEC Laboratories Inc., of the material tested. While this report may be used for obtaining product acceptance, it may not be used in advertising.

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**Material Tested:**

- 1) Product Description: Mesto 0.080" Sku: MHO PS1L, 4288932709 07 September 21
- 2) Supplier: Tarkett, Inc
- 3) Specimen Composition: Heterogeneous
- 4) Average Thickness: 0.08 in.
- 5) Color: Gray
- 6) Method of Mounting: Adhered onto Cement Board Backing
- 7) Flux Profile Date: December 7, 2021

**Test Results:**

	<b>Sample #1</b>	<b>Sample #2</b>	<b>Sample #3</b>
1) Specimen preheat Time (mins)	2:00	2:00	2:00
2) Total Burn Length (cm)	8	4	11
3) Time to Maximum Burn Length (mins)	16:14	12:32	12:14
4) HF - 30 (kW/m <sup>2</sup> )	>11	>11	>11
5) CHF (kW/m <sup>2</sup> )	>11	>11	>11
6) Average HF-30 (kW/m <sup>2</sup> )	>11		
7) Standard Deviation	N/A		
8) Coefficient of Variation (%)	N/A		
9) Average CHF (kW/m <sup>2</sup> )	>11		
10) Standard Deviation	N/A		
11) Coefficient of Variation (%)	N/A		
12) Maximum Optical Attenuation (%)	14.15%	3.52%	31.53%
13) Average Optical Attenuation (%)	16.40%		
14) Smoke Generation (%*min)	58.03	30.07	78.18
15) Average Smoke Generation (%*min)	55.43		

**Observations:** No premature ignition during the initial 2 minute heating period, no melting, delamination, or shrinking. Blistering occurred on sample 3.



Neil Schultz  
Executive Director



Amirudin Rahim  
Technical Director