applied lab



Date of Issue: 9/14/2021 Report Number: 21-005208 Revision Number:1 Date Order Received: 09/09/2021

For the Account of:

Kinnasand GmbH 6 Danziger Strasse 26655 Westerstede Germany

Loox

Client's Identification:

CERTIFICATE OF TESTING

TEST PERFORMED: NFPA 701 Standard Methods of Fire Test for Flame Propagation of Textiles and Films 2019 – Test #1

TEST RESULTS						
Specime	n Mass Initial (g)	Mass Final (g)	Mass Loss (%) Drip Burn (s)	Afterflame (s)	
1	21.1	14.7	30	0.0	0.0	
2	21.1	13.9	34	0.0	0.0	
3	20.8	14.8	29	0.0	0.0	
4	20.7	14.4	30	0.0	0.0	
5	21.1	14.6	31	0.0	0.0	
6	21.1	14.8	30	0.0	0.0	
7	20.7	15.7	24	0.0	0.0	
8	20.7	14.0	32	0.0	0.0	
9	21.3	16.7	22	0.0	0.0	
10	21.3	16.1	24	0.0	0.0	
Average	21.0	15.0	29	0.0	0.0	
Approximate weight (oz./sq. yd): 10.3		Standard Deviation: 3.9		Average + 3 SI	Average + 3 SD: 40.7	
Product Configuration: Single Layer		☐ Multi Layer				
Conditioning: Image: Oven at 220°F for minimum 30 minutes Image: 70 ± 2°F & 65 ± 2 Intended End-use (if known & other than drapery): Drapery Image: Oven at 220°F & 65 ± 2					for minimum 24 hours	

ACCEPTANCE CRITERIA

Afterflame is required to be recorded; however, it is not factored into the Acceptance Criteria

- 1. Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing. (Flaming Drip)
- Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing. 2.
- 3. Individual specimens will be listed as a failure if it exceeds mean + 3 SD
- 4. Where the specimens do not demonstrate performance in accordance with either of the conditions indicated above, the material shall be recorded as passing this test and shall be designated as flame resistant.

CONCLUSION Based on the above Results and Acceptance Criteria, the item tested:

⊠ Complies

Does Not Comply

CERTIFICATION I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

Berta Stiver

Authorized Signature

Date Order Completed: 09/10/2021

553 76th Street, Byron Center, MI 49315

P: 616-559-6123 E: testlab@applied-lab.com

Page 1 of 1

This laboratory test is not intended to reflect fabric performance under actual conditions. The certification procedure merely measures the performance of samples as received under the predetermined and specific test conditions prescribed by the standard specific at a conditions prescribed by the standard specificate applies only to the standards or processing identified and to the random sample(s) tested. This certificate of the qualities of the piece or lot only to the standards or processing identified and to the random sample(s) tested. This test results are representative of the piece or lot only to the standards or processing identified and to the random sample(s) tested.