

## TEST REPORT

DATE: 10-31-2024

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TEST NUMBER: 0311620

<b>CLIENT</b>	Palziv North America
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<b>TEST METHOD CONDUCTED</b>	ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymers to Fungi
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DESCRIPTION OF TEST SAMPLE	
<b>IDENTIFICATION</b>	HQ .1875" Commercial Cushion
<b>REFERENCE</b>	PO24001640

### GENERAL PRINCIPLE

This practice covers determination of the effect of fungi on the properties of synthetic polymeric materials in the form of molded and fabricated articles, tubes, rods, sheets, and film materials. ASTM G21 was used to assess each sample against a mixed fungal spore inoculum. Samples were reviewed weekly for 28 days.

### TEST RESULTS

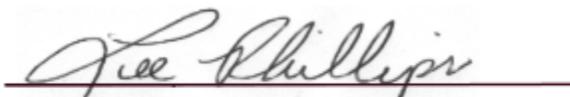
The results for the test pieces can be found in the data table below.

Sample Identification	Week 1	Week 2	Week 3	Week 4
HQ .1875" Commercial Cushion	0/0/0	0/0/0	0/0/0	0/0/0
Nutritive pos control	4	4	4	4

The rating scale for this test is as follows:

Rating	Observed Growth
0	No Fungal Growth on Sample
1	Trace of Growth (less than 10% coverage)
2	Light Growth (10-30% coverage)
3	Medium Growth (30-60% coverage)
4	Heavy Growth (60-100% coverage)

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

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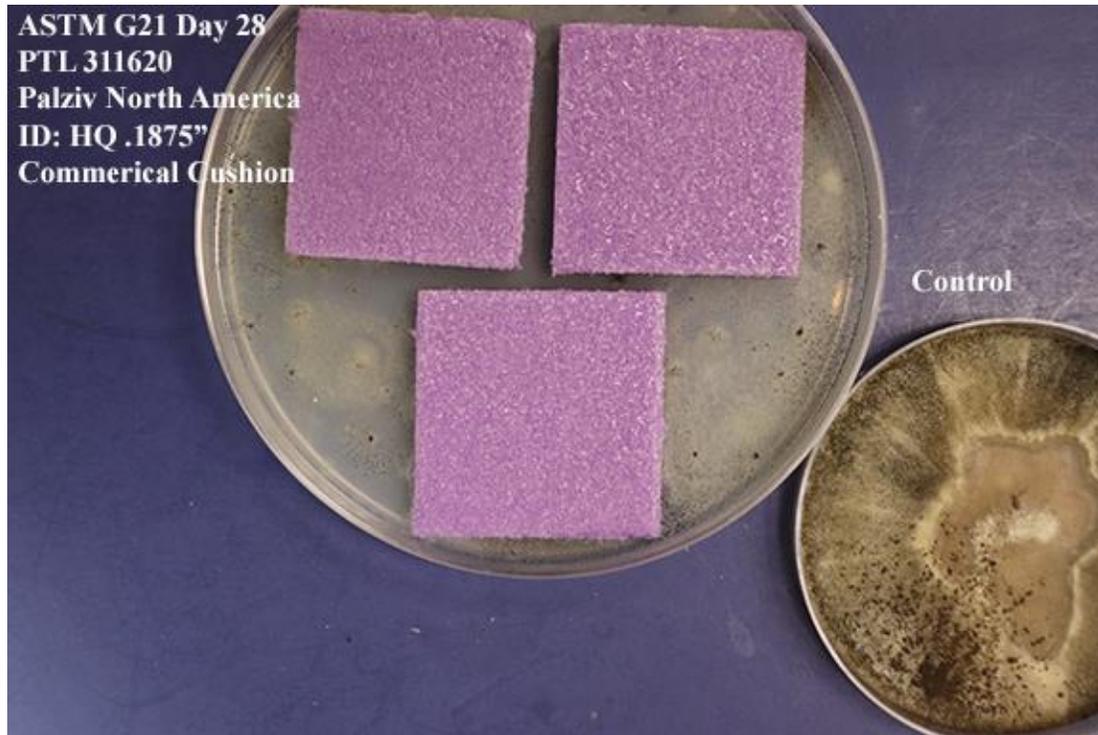
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### Discussion

Under these test conditions, this sample resisted fungal growth at day 28. (see report photos).



APPROVED BY: *Lee Phillips*

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