

Plastpur

PAQ # 5017

Antifungal Assessment of One Foam Sample

3808021

One foam sample, treated with Ultra-Fresh DW-30, At Microban Canada Inc., the sample was tested for resistance to fungal growth using a standard test procedure.

PROCEDURE

Fungal Resistance Test

AATCC Test Method 30 Part III. This procedure is used to evaluate the susceptibility of materials to fungal growth.

1. 0.5 mL of a spore suspension containing *Aspergillus niger* (ATCC #6275) was evenly distributed over the surface on an agar plate.
2. The material was placed on the agar surface.
3. 0.2 mL of the same spore suspension was distributed evenly over the material.
4. The test plates were incubated at 28C for 7 days if nutrient-rich agar was used or 14 days if mineral salts agar (nutrient-poor) was used.
5. The samples were observed for growth-free zone and fungal growth using a stereo-microscope at 7x-56x magnification.

RESULTS

AATCC Test Method 30 Part III <i>A. niger</i>			
Sample Description		Growth-free zone (mm)	Observed Growth Rating
1	Foam	0	0

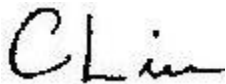
Observed growth rating:

- 0 – No fungal growth observed
- 1 – Microscopic growth (visible only under a stereo-microscope)
- 2 – Macroscopic growth (visible to the eye)

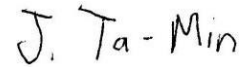
CONCLUSION

In the AATCC Test Method 30 Part III Test, the sample demonstrated activity against the *A.niger* test organism after 7 days of incubation.

Microban Canada Inc.



Microbiology Manager



Microbiologist

END OF REPORT