

ANALYTICAL & ANTIMICROBIAL TEST RESULTS



Customer: Superior Manufacturing

Date Received: 08-01-07

Date Reported: 9-17-07

AEM Project Number: 5165

Description	Microbiological Analysis		Chemical Analysis
	ASTM E2149-01	AATCC 30	% Extraction
Rubber Mat with Blue Fabric			
1 Untreated Control	24%	2	0%
2 Treated: 4%	69%	1	4%
3 Treated: 6%	50%	1	24%
4 Treated: 8%	67%	0	29%
5 Treated: 10%	60%	0	41%

ASTM E2149-01
 ACTM 0923
 2 x 2 in. sample
 50 ml 0.3 mM KH₂PO₄
 1x10⁵ *Escherichia coli* / ml
 0.01% Q2-5211 wetting agent
 1 hour contact time

AATCC 30-III
Penicillium chrysogenum
 2 x 2 in. sample

Observed Growth	Grade
No Growth	0
1-10%	1
11-20%	2
21-30%	3
31-40%	4
41-50%	5
51-60%	6
61-70%	7
71-80%	8
81-90%	9
91-100%	10

ACTM 0210 BPB Extraction (EXT):
 1.0g sample
 0.001% BPB dH₂O solution
 20 minute exposure
 595nm Absorbance
 0.01% Q2-5211 wetting agent

Results submitted by:

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