



### TEST REPORT

DATE: 06/19/2009

TEST NUMBER: 122047

CLIENT	Masland Carpets
TEST METHOD CONDUCTED	Aachen -(Dimensional Stability Evaluation)
<b>DESCRIPTION OF TEST SAMPLE</b>	
IDENTIFICATION	T413 Oceanic
COLOR	14301
ROLL NUMBER	1000029634
CONSTRUCTION	Loop Pile Pattern
FIBER	Antron Legacy Nylon
BACKING	PVC
REFERENCE	GSA INITIAL GSA SIN #31-303

#### GENERAL PRINCIPLE

This test is designed to examine dimensional changes in textile floor coverings due to various conditions of heat and moisture. Measurements are taken in the length and cross directions of the test sample after each treatment. A change in the dimension of the test sample is calculated as a percentage of the original preconditioned sample measurement. Shrinkage is indicated by a negative quotation while expansion is indicated by a positive quotation.

#### TEST RESULTS

	Measurement	Percent		Measurement	Percent
M <sub>0</sub>	24.0210	-----	C <sub>0</sub>	24.0090	-----
M <sub>T1</sub>	24.0190	-0.008%	C <sub>T1</sub>	24.0120	+0.012%
M <sub>T2</sub>	24.0205	-0.002%	C <sub>T2</sub>	24.0040	-0.021%
M <sub>T3</sub>	24.0130	-0.033%	C <sub>T3</sub>	24.0065	-0.010%
M <sub>T4</sub>	24.0120	-0.037%	C <sub>T4</sub>	24.0050	-0.017%

M <sub>0</sub>	Original measurement in machine direction
C <sub>0</sub>	Original measurement in cross direction
T <sub>1</sub>	Two hours in drying oven at 60° C
T <sub>2</sub>	Two hours submerged in 0.1% detergent solution at 20°C
T <sub>3</sub>	Twenty four hours in drying oven at 60°C
T <sub>4</sub>	Forty eight hours conditioning at 20°C and 65% relative humidity

<b>AVERAGE CHANGE MACHINE DIRECTION</b>	-0.005 Inch
<b>AVERAGE CHANGE CROSS DIRECTION</b>	-0.002 Inch

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 of similar products. This report, or the name of Professional Testing Laboratory Inc. shall not be used under any circumstance in advertising to the general public.