



TEST REPORT

DATE: 03/05/2010

TEST NUMBER: 127043

CLIENT	Masland Carpets
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TEST METHOD CONDUCTED	Aachen - (Dimensional Stability Evaluation)
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	T429 Molecule
COLOR	04422
ROLL	1000032778
CONSTRUCTION	Loop Pattern
FIBER	Antron® Legacy Nylon
BACKING	Vinyl
REFERENCE	

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 ₀	24.0075	-----	C ₀	24.0310	-----
M _{T1}	24.0105	+0.012%	C _{T1}	24.0175	-0.056%
M _{T2}	24.0130	+0.023%	C _{T2}	24.0200	-0.046%
M _{T3}	24.0065	-0.004%	C _{T3}	24.0280	-0.012%
M _{T4}	24.0055	-0.008%	C _{T4}	24.0190	-0.050%

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

AVERAGE CHANGE MACHINE DIRECTION	+0.001 Inch
AVERAGE CHANGE CROSS DIRECTION	-0.010 Inch

APPROVED BY:

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