



TEST REPORT

DATE: 07-28-2023

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TEST NUMBER: 0299082

CLIENT	SuZhou Tuntex Fiber & Carpet Company
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TEST METHOD CONDUCTED	ASTM D7570 Evaluation of Dimensional Stability of Pile Floor Coverings
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Nexlon Carpet Tile
CONSTRUCTION	Multi-Level Loop Pile
BACKING	Duraback

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

	PERCENT CHANGE		PERCENT CHANGE
M ₀	----	C ₀	----
M _{T1}	+0.003	C _{T1}	+0.020
M _{T2}	-0.008	C _{T2}	+0.023
M _{T3}	-0.053	C _{T3}	+0.066
M _{T4}	-0.063	C _{T4}	+0.066

M₀	Original measurement in machine direction
C₀	Original measurement in cross direction
T₁	Two hours in drying oven at 60° C
T₂	Two hours submerged in 0.1% detergent solution at 20°C
T₃	Twenty four hours in drying oven at 60°C
T₄	Forty eight hours conditioning at 20°C and 65% relative humidity

APPROVED BY:

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