



TEST REPORT

DATE: 05-23-2017

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TEST NUMBER: 0237475

CLIENT	Newspec Carpet (Ning Bo)Co., Ltd.
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TEST METHOD CONDUCTED	ASTM D7570 (Edge Curl) Standard Test Method for Evaluating Dimensional Stability of Pile Yarn Floor Covering
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	PU Backing Nylon
CONSTRUCTION	Multi-Level Loop Pile
BACKING	Thermoplastic

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	Edge Curl		Measurement	Percent
M₀	24.0065	-----	0.02 Inch	C₀	24.0065	-----
M_{T1}	24.0025	-0.017 %	0.03 Inch	C_{T1}	24.0025	-0.017 %
M_{T2}	24.0125	+0.025 %	0.12 Inch	C_{T2}	24.0100	+0.015 %
M_{T3}	24.0120	+0.023 %	0.14 Inch	C_{T3}	24.0130	+0.027 %
M_{T4}	24.0080	+0.006 %	0.09 Inch	C_{T4}	24.0070	+0.002 %

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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