



# TEST REPORT

DATE: 07-28-2023

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TEST NUMBER: 0299082

<b>CLIENT</b>	SuZhou Tuntex Fiber & Carpet Company
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<b>TEST METHOD CONDUCTED</b>	ASTM D5252 (Heavy Ball) Standard Practice for the Operation of the Hexapod Tumble Drum Tester
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DESCRIPTION OF TEST SAMPLE	
<b>IDENTIFICATION</b>	Nexlon Carpet Tile
<b>CONSTRUCTION</b>	Multi-Level Loop Pile
<b>BACKING</b>	Duraback

## GENERAL PRINCIPLE

The test specimen is subjected to "Hexapod" tumbling in 2,000 cycle increments. A CRI/SOA upright vacuum was used to make four forward and backward passes along the length of the specimen after each 2,000 cycles.

After the specified total number of cycles is completed, the test specimen is visually assessed by three technicians for appearance change in accordance with the ASTM D7330 "Test Method for Assessment of Surface Appearance Change in Pile Floor Coverings Using Standard Reference Scales".

## TEST RESULTS

### HEAVY BALL

NUMBER OF CYCLES	APPEARANCE RATING	COLOR CHANGE RATING
12,000	3.0	3.5

**\*NOTE: At the client's request, an additional rating was reported which assessed perceived color change in the test specimen resulting from pile distortion. The color change rating was done in accordance with AATCC Evaluation Procedure 1, using the Gray Scale for Color Change.**

APPEARANCE RATING KEY	
5	Excellent: No visual change noticeable
4	Good: Slight change due to disturbance of pile
3	Fair: Noticeable change due to pile disturbance or matting
2	Poor: Loss of texture due to pile disturbance and/or matting
1	Very Poor: Severe pile disturbance and/or matting

COLOR CHANGE RATING KEY	
5	Negligible or no change
4	Slight change
3	Moderate change
2	Considerable change
1	Severe change

APPROVED BY: *Gary Asbury*



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