TEST REPORT

DATE: 10/28/2009 **TEST NUMBER**: 124429

CLIENT	Masland Carpets

TEST METHOD CONDUCTED	AATCC 134-06 (Step Method) Electrostatic Propensity of Carpets

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	T438 Delineate
COLOR	04121 Infrared
ROLL	-----
CONSTRUCTION	Pattern Loop
FIBER	Antron® Legacy Nylon
BACKING	Vinyl
REFERENCE	GSA INITIAL GSA SIN #31-303

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

TEST CONDITIONS	
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 º ± 2º F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Shampooed three times according to GSA specifications
SUBSTRATE	Tested Over Grounded Metal Plate

	DAY 1	**DAY 2**	**AVERAGE**
TEST I: Step Test/Neolite Sole	**-0.4 KV**	**-0.4 KV**	**-0.4 KV**
TEST III: Step Test/Leather Sole	**+0.4 KV**	**+0.4 KV**	**+0.4 KV**
MAXIMUM AVERAGE VOLTAGE		**POS 0.4 KV**	

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Calvery

NVLAP®

714 Glenwood Place Dalton, GA 30721 Phone: 706-226-3283 Fax: 706-226-6787 email: protest@optilink.us