

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	Surface Flammability of Carpets and Rugs (16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF 1-70) also referenced as ASTM D2859
------------------------------	--

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

This test method is intended to measure the response of finished textile floor covering materials when exposed to an ignition source under controlled laboratory conditions. It is applicable to all types of textile floor coverings whether constructed from natural or man-made materials.

TEST CRITERION

The uncharred area of the test specimen must be greater than one inch in at least seven of the eight specimens tested in order to meet the acceptance criterion.

TEST RESULTS

	SPECIMEN NUMBER							
	1	2	3	4	5	6	7	8
Uncharred Area (Inches)	3.8	3.8	3.7	3.8	3.8	3.8	3.8	3.8

NOTE: This sample was tested on the face side.

This sample PASSES the Federal Flammability Standard CPSC FF 1-70.

APPROVED BY:




This facility is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 100297. This accreditation does not constitute an endorsement, certification, or approval by NIST or any agency of the United States Government for the product tested. This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.



Accreditation #93341

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM D3575 Tear Strength and ASTM D3676 Thickness
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

The samples were prepared and tested in accordance with applicable portions of test methods ASTM D3575 and ASTM D3676.

TEST RESULTS

TEST DESCRIPTION	METHOD	RESULTS
Tear Strength	ASTM D3575	10.2 lbs
Thickness	ASTM D3676	0.398 inch

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM F1306 Puncture Resistance
------------------------------	--------------------------------

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls


GENERAL PRINCIPLE

This test determines the force required to penetrate a flexible barrier by a slow rate driven probe. The force and elongation is reported.

TEST RESULTS

	FORCE TO PENETRATE	ELONGATION IN MM
SPECIMEN 1	176.1 Newtons	24.5 mm
SPECIMEN 2	180.4 Newtons	25.1 mm
SPECIMEN 3	179.8 Newtons	23.8 mm

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024
Page 1 of 1
TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycling Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	---

TEST METHOD CONDUCTED	ASTM E662 Smoke Density (Non-Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls


GENERAL PRINCIPLE

This procedure is designed to measure the specific optical density of smoke generated by the test specimen within a closed chamber. Each specimen is exposed to an electrically heated radiant-energy source positioned to provide a constant irradiance level of 2.5 watts/square cm on the specimen surface. Measurements are recorded through a photometric system employing a vertical beam of light and a photo detector positioned to detect the attenuation of light transmittance caused by smoke accumulation within the chamber. The light transmittance measurements are used to calculate specific optical density, a quantitative value which can be factored to estimate the smoke potential of materials. Two burning conditions can be simulated by the test apparatus. The radiant heating in the absence of ignition is referred to as the Non-Flaming Mode. A flaming combustion in the presence of supporting radiation constitutes the Flaming Mode.

CONDITIONS			
PREDRYING OF TEST SAMPLE	24 Hours at 140° F		
CONDITIONING OF TEST SAMPLE	24 Hours at 70° F and 50% Relative Humidity		
TESTING CONDITION	As Received		
FURNACE VOLTAGE	118 V	IRRADIANCE	2.5 watts/sq cm
CHAMBER TEMPERATURE	95° F	CHAMBER PRESSURE	3" H ₂ O
TEST MODE	Non-Flaming		

AVERAGE MAXIMUM DENSITY CORRECTED (Dmc)	NON-FLAMING		
AVERAGE SPECIFIC OPTICAL DENSITY AT 4.0 MINUTES	421		
AVERAGE SPECIFIC OPTICAL DENSITY AT 4.0 MINUTES	95		
	Specimen 1	Specimen 2	Specimen 3
Maximum Density (Dm)	447.0	482.0	472.0
Time to Dm (minutes)	19.5	20.0	20.0
Clear Beam (Dc)	41.0	54.0	42.0
Corr. Max Density (Dmc)	406.0	428.0	430.0
Density at 1.5 minutes	9.0	13.0	11.0
Density at 4.0 minutes	81.0	114.0	90.0
Time to 90% Dm (minutes)	12.5	11.0	11.5
Specimen Weight (grams)	51.9	52.8	52.3

***NOTE: This material meets the requirements of NFPA Life Safety code for ASTM E662 of not to exceed 450 DMC.**

APPROVED BY: 


This facility is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 100297. This accreditation does not constitute an endorsement, certification, or approval by NIST or any agency of the United States Government for the product tested. This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.



Accreditation #93341

TEST REPORT

DATE: 04-29-2024
Page 1 of 1
TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM E662 Smoke Density (Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls


GENERAL PRINCIPLE

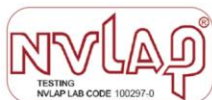
This procedure is designed to measure the specific optical density of smoke generated by the test specimen within a closed chamber. Each specimen is exposed to an electrically heated radiant-energy source positioned to provide a constant irradiance level of 2.5 watts/square cm on the specimen surface. Measurements are recorded through a photometric system employing a vertical beam of light and a photo detector positioned to detect the attenuation of light transmittance caused by smoke accumulation within the chamber. The light transmittance measurements are used to calculate specific optical density, a quantitative value which can be factored to estimate the smoke potential of materials. Two burning conditions can be simulated by the test apparatus. The radiant heating in the absence of ignition is referred to as the Non-Flaming Mode. A flaming combustion in the presence of supporting radiation constitutes the Flaming Mode.

CONDITIONS			
PREDRYING OF TEST SAMPLE	24 Hours at 140° F		
CONDITIONING OF TEST SAMPLE	24 Hours at 70° F and 50% Relative Humidity		
TESTING CONDITION	As Received		
FURNACE VOLTAGE	118 V	IRRADIANCE	2.5 watts/sq cm
CHAMBER TEMPERATURE	95° F	CHAMBER PRESSURE	3" H ₂ O
TEST MODE	Flaming		

AVERAGE MAXIMUM DENSITY CORRECTED (Dmc)	FLAMING		
AVERAGE SPECIFIC OPTICAL DENSITY AT 4.0 MINUTES			
	Specimen 1	Specimen 2	Specimen 3
Maximum Density (Dm)	561.0	565.0	555.0
Time to Dm (minutes)	7.0	5.0	6.5
Clear Beam (Dc)	144.0	150.0	139.0
Corr. Max Density (Dmc)	417.0	415.0	416.0
Density at 1.5 minutes	318.0	328.0	310.0
Density at 4.0 minutes	555.0	558.0	546.0
Time to 90% Dm (minutes)	3.0	3.0	3.0
Specimen Weight (grams)	52.8	52.9	51.4

***NOTE: This material meets the requirements of NFPA Life Safety code for ASTM E662 of not to exceed 450 DMC.**

APPROVED BY: 



This facility is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 100297. This accreditation does not constitute an endorsement, certification, or approval by NIST or any agency of the United States Government for the product tested. This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.



**PJLA
Testing**
Accreditation #93341

TEST REPORT

DATE:04-29-2024
Page 1 of 1
TEST NUMBER:0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using A Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

This procedure is designed to measure the critical radiant flux at flame out of horizontally mounted floor covering systems exposed to a flaming ignition in a test chamber which provides a graded radiant heat energy environment. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floors of a building whose upper surfaces are heated by flames from a fully developed fire in an adjacent room or compartment. The test result is an average critical radiant flux (watts/square cm) which indicates the level of radiant heat energy required to sustain flame propagation in the flooring system once it has been ignited. A minimum of three test specimens are tested and the results are averaged. Theoretically, if a room fire does not impose a radiant flux that exceeds this critical level on a corridor floor covering system, flame spread will not occur.

The NFPA Life Safety Code 101 specifies as Class 1 Critical Radiant Flux of .45 watts/sq cm or higher and Class 2 Critical Radiant Flux as .22 - .44 watts/sq cm.

FLOORING SYSTEM ASSEMBLY			
SUBSTRATE	Mineral-Fiber/Cement Board	UNDERLAYMENT	Direct Glue Down
ADHESIVE	Acrylic	CONDITIONING	Minimum of 96 hours at 70 ±5°F and 50 ± 5% relative humidity

	Distance Burned	Time To Flame Out	Critical Radiant Flux
Specimen 1	100 cm	67 minutes	0.09 watts/square cm
Specimen 2	---	---	--- watts/square cm
Specimen 3	---	---	--- watts/square cm

Average Critical Radiant Flux	0.09 Watts/Square Cm*
Standard Deviation	--- Watts/Square Cm
Coefficient of Variation	--- %

***NOTE: Single specimen burn due to excessive burn rate.**

APPROVED BY:



This facility is accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code 100297. This accreditation does not constitute an endorsement, certification, or approval by NIST or any agency of the United States Government for the product tested. This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.



**PJLA
Testing**
Accreditation #93341

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM E96 Standard Test Method for Water Vapor Transmission of Materials: Water Method
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

These test methods cover the determination of water vapor transmission of materials through which the passage of water vapor may be of importance, such as paper, plastic films, other sheet materials, fiberboards, gypsum and plaster products, wood products, and plastics.


TEST CONDITIONS:

TEMPERATURE	70° F
RELATIVE HUMIDITY	50% RH
CUP	3.0 Inch

TEST RESULTS

WATER VAPOR EMISSION	4.671 grains/ft ² /hr (16.015 lbs/1000 ft/24 hrs)
PERMEANCE	6.78 grains/hr/ft ² /Hg

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycling Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	---

TEST METHOD CONDUCTED	ASTM D5587 Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure
------------------------------	--

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

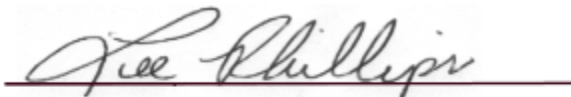
GENERAL PRINCIPLE

This test method covers the measurement of the tearing strength of textile fabrics by determining the force required to propagate a previously initiated tear.

TEST RESULTS

	CROSS DIRECTION	MACHINE DIRECTION
SPECIMEN 1	104.1 Lbs.	88.9 Lbs.
SPECIMEN 2	99.6 Lbs.	94.1 Lbs.
SPECIMEN 3	98.5 Lbs.	93.6 Lbs.
SPECIMEN 4	101.8 Lbs.	99.1 Lbs.
SPECIMEN 5	104.8 Lbs.	101.8 Lbs.
AVERAGE	101.8 Lbs.	95.5 Lbs.

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycling Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	---

TEST METHOD CONDUCTED	ASTM D4533 Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure
------------------------------	--

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls


GENERAL PRINCIPLE

This test method covers the measurement of the tearing strength of textile fabrics by determining the force required to propagate a previously initiated tear.

TEST RESULTS

	CROSS DIRECTION	MACHINE DIRECTION
SPECIMEN 1	98.4 Lbs.	90.1 Lbs.
SPECIMEN 2	102.6 Lbs.	87.5 Lbs.
SPECIMEN 3	104.1 Lbs.	91.1 Lbs.
SPECIMEN 4	95.6 Lbs.	95.2 Lbs.
SPECIMEN 5	90.3 Lbs.	99.4 Lbs.
AVERAGE	98.2 Lbs.	92.7 Lbs.

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM D3389 Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Double-Head Abrader)
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recyled Rubber Rolls

GENERAL PRINCIPLE

A test specimen is subjected to the rubbing action of two abrading wheels under controlled conditions of pressure and abrasive action. The abrasion wheels rest on the surface of the specimen which is mounted on a rotating platform. Turning of the platform initiates the abrasive action on the test specimen.

TEST RESULTS

ABRASION WHEEL	H-18
LOAD APPLIED	1,000 Grams
NUMBER OF CYCLES	5,000
ORIGINAL WEIGHT	79.70 grams
FINAL WEIGHT	77.66 grams
WEIGHT LOSS	2.04 grams

***NOTE: At the client's request, the test was terminated at 5,000 cycles, end point had not been reached.**

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycling Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	---

TEST METHOD CONDUCTED	ASTM D2240 Test Method for Rubber Property - Durometer Hardness
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

The hardness of a test sample is measured by means of a Type A Shore Durometer. The Durometer measures the penetration of its specified indenter forced into the test material under specified conditions.

A relationship between tested materials exists only when the same type of Durometer is used.

TEST RESULTS

INDENTATION HARDNESS	70
-----------------------------	----

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM D1894 Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

The coefficient of friction of a material is determined by calculating the force required to move the test specimen across the steel chute while weighted with a 5 lb. cylinder. The activation of movement is conducted via a constant rate of extension tensile tester with a cross head travel at 10 inches per minute. The average of four pulls are used to calculate the average coefficient of friction. Materials are tested as received on a dry surface.

TEST RESULTS

IDENTIFICATION	INITIATE	SUSTAIN	COEFFICIENT INITIATE	COEFFICIENT SUSTAIN
SPECIMEN 1	3.5 Lbs.	3.2 Lbs.	0.70	0.64
SPECIMEN 2	3.6 Lbs.	3.2 Lbs.	0.72	0.64

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycling Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	---

TEST METHOD CONDUCTED	ASTM D412 Breaking Load and Elongation
------------------------------	--

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

TEST CONDITION	70°F and 65% Relative Humidity
TEST SPEED	20 inches/minute
AVERAGE SPECIMEN THICKNESS	10.396 inch

TEST RESULTS


Width

	BREAKING LOAD	ELONGATION	MODULUS @ 10%	TENSILE
Specimen 1	36.80 Lbs.	46.50%	13.09 psi	185.9 lbs/sq inch
Specimen 2	44.54 Lbs.	56.45%	30.21 psi	224.9 lbs/sq inch
Specimen 3	32.46 Lbs.	41.25%	9.26 psi	164.0 lbs/sq inch
Specimen 4	27.88 Lbs.	36.79%	6.53 psi	140.8 lbs/sq inch
Specimen 5	33.10 Lbs.	45.55%	11.51 psi	167.2 lbs/sq inch
AVERAGES	34.96 Lbs.	45.31%	14.12 psi	176.6 lbs/sq inch

Length

	BREAKING LOAD	ELONGATION	MODULUS @ 10%	TENSILE
Specimen 1	40.86 Lbs.	48.92%	27.66 psi	206.4 lbs/sq inch
Specimen 2	41.13 Lbs.	46.41%	41.17 psi	207.7 lbs/sq inch
Specimen 3	41.46 Lbs.	50.88%	26.89 psi	209.4 lbs/sq inch
Specimen 4	29.35 Lbs.	40.76%	19.03 psi	148.2 lbs/sq inch
Specimen 5	31.42 Lbs.	42.62%	5.75 psi	158.7 lbs/sq inch
AVERAGES	36.85 Lbs.	45.92%	24.10 psi	186.1 lbs/sq inch

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM D395 Standard Test Method for Rubber Property Compression Set
------------------------------	--

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

This test method covers the testing of rubber intended for use in applications in which the rubber will be subjected to compressive stresses in air. They are applicable particularly to the rubber used in machinery mountings, vibration dampers, and seals. The material is compressed to 25% for a specified time and then allowed to recover. The difference in thickness is reported as compression set.

TEST RESULTS

COMPRESSION SET AT 25%	1.2%
-------------------------------	------

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products.

This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER:0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	ASTM D297 Ash Content
------------------------------	-----------------------

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

PROCEDURE

The submitted material was tested for ash content after being heated to 600° C for 1 hour per the test procedure. The resulting percent is the ash remaining from the original material.

TEST RESULTS

AVERAGE ASH CONTENT	13.23%
----------------------------	--------

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE:04-29-2024

Page 1 of 1

TEST NUMBER:0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycling Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	---

TEST METHOD CONDUCTED	ASTM C1028 Test Method for Determining the Static Coefficient of Friction by the Horizontal Dynamometer Pull-Meter Method
------------------------------	---

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

This test determines the static coefficient of friction of tile or other surfaces using a neolite heel assembly.


A neolite heel assembly with a 50 pound load is pulled horizontally with a dynamometer to measure the force required to cause the assembly to slip. After the sample is tested, measurements are calculated and reported as the static coefficient of friction.

TEST RESULTS

SAMPLE CONDITION	Tested as Received
-------------------------	--------------------

HEEL ASSEMBLY CONDITION	STATIC COEFFICIENT OF FRICTION
Wet	0.48
Dry	0.74

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.

TEST REPORT

DATE: 04-29-2024

Page 1 of 1

TEST NUMBER: 0306800

CLIENT	Company Name: Sunflex Recycling Private Limited Address: Sunflex Recycleing Private Limited Block No 184, Chhatral Isand Road, Chhatral – 382729 Ta.: Kalol, Dist.: Gandhinagar, Gujarat, INDIA
---------------	--

TEST METHOD CONDUCTED	AATCC 117 Colorfastness to Heat: Dry
------------------------------	--------------------------------------

DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Sunflex 3401683165
CONSTRUCTION	Recycled Rubber Rolls

GENERAL PRINCIPLE

This test method is intended for assessing the resistance of color of textiles of all kinds to the action of dry heat. A specimen in contact with undyed fabrics is exposed to dry heat for 30 seconds then assessed for color change after 4 hours in accordance with the AATCC Grey Scale.

TEST RESULTS

TEST SPECIMEN RATING	5
-----------------------------	----------

AATCC RATING KEY	
5	No stain
4	Slight stain
3	Noticeable stain
2	Considerable stain
1	Heavy stain

APPROVED BY:



This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, LLC, shall not be used under any circumstance in advertising to the general public.