

TEST REPORT



TÜVRheinland®

Precisely Right.

Prüfbericht - Nr.: <i>Test Report No.:</i>		0101-01235-26-05		Seite 1 von 4 <i>Page 1 of 4</i>			
Auftraggeber: <i>Client:</i>		SUNFLEX RECYCLING PVT LTD 274/4, Opp. Gujarat High Court S G Highway Sola Ahmedabad Gujarat 380060 India					
Kunden-referenz-Nr.: <i>Client reference no.:</i>		Email Dated: 2026-04-08		Auftrags-Nr.: <i>Order no.:</i>		147190078	
Gegenstand der Prüfung: <i>Test item:</i>		Ballistic rubber tiles 50mm		Auftragsdatum: <i>Order date:</i>		2026-04-08	
Bezeichnung Typ-Nr.: <i>Identification / Type No.:</i>		-		Wareneingangsdatum: <i>Date of sample receipt:</i>		2026-04-08	
Auftrags-Inhalt: <i>Order content:</i>		Microbial Resistance		Prüfmuster-Nr.: <i>Test sample no.:</i>		0101-01235-26-05	
Prüfgrundlage: <i>Test specification:</i>		ASTM G21		Prüfzeitraum <i>Testing Period:</i>		2026-04-10 to 2026-05-16	
Ort der Prüfung: <i>Place of testing:</i>		Plot No. 27B, 2 nd Cross, Electronic City Phase1, Hosur Road, Bangalore-560100, Karnataka, India.					
Prüflaboratorium: <i>Testing laboratory:</i>		TÜV Rheinland (India) Private Limited. Material Testing Laboratory					
Prüfergebnis: <i>Test Result:</i>		Refer Page No. 2 of 4					
Bewertet von: <i>Reviewed by:</i>		Raghukumar BS		Genehmigt von: <i>Authorized by:</i>		Bhupendra Sharma	
Datum: <i>Date:</i>		2026-05-19		Ausstelldatum: <i>Issue date:</i>		2026-05-19	
Stellung / Position:		Asst. Manager Material Testing Laboratory		Stellung / Position:		Manager Material Testing Laboratory	
Sonstiges/ Other: Nil.							
Zustand des Prüfgegenstands zum Zeitpunkt des Empfangs: <i>Condition of the test item at the time of receipt:</i> Good.				Datum der Ausstellung: <i>Date of Issue:</i> 2026-05-19			
Abkürzungen:		ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar		Abbreviations:		ok / P = passed fail / F = failed n.a. / N = not applicable	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a.m test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark. Test item submitted by client. Sampling not done by TUVRI. 'Laboratory employs simple acceptance rule in making Pass or Fail decisions on test results with no guard band'.</i>							

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TEST RESULTS

Discipline: Chemical
Product Group: Miscellaneous



Photograph of sample as in received condition

Test Name: Microbial Resistance

Test Method: ASTM G21

Test Condition:
Sample size: 50 mms x 50 mm
No of replicates: Three
Viability Control: Sterile Filter paper
Media used: Nutrient Salt agar
Incubation Temperature: 28°C±1°C
Humidity: > 85% Relative Humidity
Duration of Exposure: 28 days

Test Procedure: Specimens of size 50x50mms were placed on Nutrient salt agar. Composite spore suspension as listed below was sprayed on specimen. The Nutrient salt agar provides all the trace nutritional elements needed by Fungi except Carbon source. Fungus grows only when it can use polymeric material as Primary carbon source. Inoculated samples were incubated and examined for fungal growth. Temperature and humidity were maintained for the duration of the test. Adequate positive and Negative controls were also included along with specimen.

Mixed spore suspension of-

1. Aspergillus Niger ATCC 9642
2. Penicillium pinophilum ATCC 11797
3. Gliocladium virens ATCC 9645
4. Chaetobium globosum ATCC 6205
5. Aurobasidium pullulans ATCC 15233

Reviewed By:

Name: Raghukumar BS

Signature:

Authorized By:

Name: Bhupendra Sharma

Signature:

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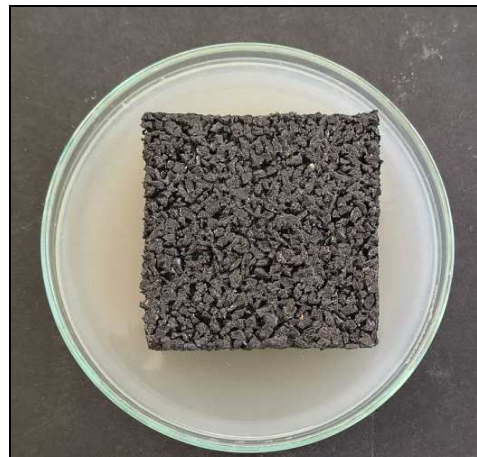
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Rating Scale:

Growth on Specimen	Rating
None	0
Trace of Growth (<10%)	1
Light Growth (10 to 30%)	2
Medium Growth (30 to 60%)	3
Heavy Growth (60% to complete coverage)	4

Observation:

Sample Identification	Duration of the Test				
	Replicates	Week 1	Week 2	Week 3	Week 4
Ballistic rubber tiles 50mm	Set I	0	0	0	0
	Set II	0	0	0	0
	Set III	0	0	0	0
Control	-	1	2	3	4



Photograph of sample after 4 weeks

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Disclaimer:

1. This report is issued based on our General Terms and Conditions.
2. The results and recommendations in this report are based on the information available at the time of the testing. They are further applicable within the limits of any instruction of the customer.
3. Test sample(s), as well as sample information, description, product details and intended usage was provided by customer. The laboratory is not responsible for the information/data provided by the customer which can affect the validity of results.
4. This test report was issued for the customer only. No other party may rely on its contents and any liability towards third parties is strictly disclaimed, unless and to the extend such party is expressly mentioned in the report

---- End of Report ----

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Signature:

Authorized By:

Name: Bhupendra Sharma

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