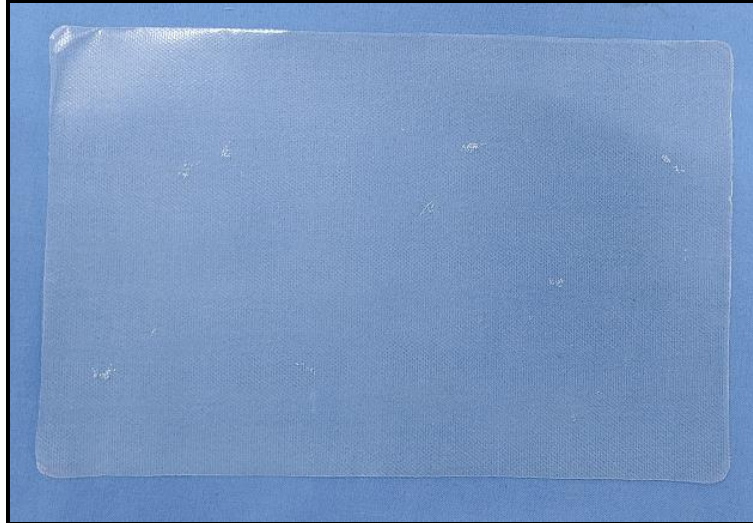


Test Report - Industry Services

Prüfbericht - Nr.: <i>Test Report No.:</i>	IND/BLR/CH/2022/8112	Seite 1 von 2 <i>Page 1 of 2</i>	
Auftraggeber: <i>Client:</i>	FILMTEC SOLAR PRIVATE LIMITED 18, Khadki – Dungri Road, Village: Dungri Valsad, 396185		
Kunden-referenz-Nr.: <i>Client reference no.:</i>	TRF Dated: 2022-09-09	Auftrags-Nr.: <i>Order no.:</i>	146717322
Gegenstand der Prüfung: <i>Test item:</i>	PROTEC POE	Auftragsdatum: <i>Order date.:</i>	2022-09-12
Bezeichnung Typ-Nr.: <i>Identification / Type No.:</i>	-	wareneingangsdatm: <i>Date of sample receipt:</i>	2022-09-12
Auftrags-Inhalt: <i>Order content:</i>	Mechanical Test	Prüfmuster-Nr.: <i>Test sample no.:</i>	8112
Prüfgrundlage: <i>Test specification:</i>	ISO 62:2008 Method 1	Prüfzeitraum: <i>Testing Period:</i>	2022-09-18 to 2022-09-21
Ort der Prüfung: <i>Place of testing:</i>	Plot No. 27B, 2 nd Cross, Electronic City Phase 1, Hosur Road, Bangalore - 560 100, Karnataka, India.		
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (India) Private Limited		
Prüfergebnis: <i>Test Result:</i>	Refer Page No. 2 to 2		
Zusammengestellt: <i>compiled by</i>	Reshirajan S	Genehmigt von: <i>Authorized by:</i>	Ranabir Pal
Datum: <i>Date:</i>	2022-09-23	Ausstelldatum: <i>Issue date:</i>	2022-09-23
Stellung / Position:	Sr. Engineer- Polymer Dept. Material Testing Laboratories	Stellung / Position:	Sr. Manager- Polymer Dept. Material Testing Laboratories
Sonstiges/ Other: Nil.			
Zustand des prüfgegenstandes bei Anlieferung: <i>Condition of the test item at the time of delivery:</i>	Good.		
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
<p>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.</p> <p><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></p>			

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TEST RESULTS

Discipline: Mechanical
Product Groups: Rubber and Rubber Products


Photograph of sample as in received condition

Test Name: Water absorption

Test Method: ISO 62:2008 Method 1

Pre- Conditioning: Specimens are dried at $50\pm 2^{\circ}\text{C}$ for 24 hours. After drying cooled at RT in the desiccator before weighing then measure (mass m_1).

Laboratory Environment: Temperature $23\pm 2^{\circ}\text{C}$ & $50\pm 5\%$ RH

Test Condition: The conditioned specimens shall be placed in a container filled with distilled water maintained at temperature of $23\pm 1^{\circ}\text{C}$ for duration of 24 hours. After immersion for (24 ± 1) h, take the test specimens from the water and remove all surface water with a clean, dry cloth or with filter paper. Reweigh the test specimens to the nearest 0.1 mg within 1 min of removing them from the water (mass m_2).

Observations:

Specimen No.	Water Absorption, %
1	0.03
2	0.01
3	0.01
Average	0.02

---- End of Report ----