

**Test Report - Industry Services**

<b>Prüfbericht - Nr.:</b> <i>Test Report No.:</i>	<b>IND/BLR/CH/2022/4783</b>	<b>Seite 1 von 2</b> <i>Page 1 of 2</i>
<b>Auftraggeber:</b> <i>Client:</i>	<b>FILMTEC SOLAR PRIVATE LIMITED</b> 18,Khadki- Dungri road, village : Dungri VALSAD 396185, INDIA	
<b>Kunden-referenz-Nr.:</b> <i>Client reference no.:</i>	TRF Date: 2022-06-06	<b>Auftrags-Nr.:</b> <i>Order no.:</i> 146685771
<b>Gegenstand der Prüfung:</b> <i>Test item:</i>	EVA SHEETS	<b>Auftragsdatum:</b> <i>Order date.:</i> 2022-06-06
<b>Bezeichnung Typ-Nr.:</b> <i>Identification / Type No.:</i>	PROTEC EP HT	<b>wareneingangsdatum:</b> <i>Date of sample receipt:</i> 2022-06-06
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Mechanical Test	<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i> 4783
<b>Prüfgrundlage:</b> <i>Test specification:</i>	ISO 62:2008 Method 1	<b>Prüfzeitraum:</b> <i>Testing Period:</i> 2022-06-08 to 2022-06-10
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	Plot No. 27B, 2 <sup>nd</sup> Cross, Electronic City Phase1, Hosur Road, Bangalore - 560 100, Karnataka, India.	
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (India) Private Limited	
<b>Prüfergebnis:</b> <i>Test Result:</i>	Refer Page No. 2 to 2	
<b>Zusammengestellt:</b> Reshirajan S <i>compiled by</i>		
<b>Datum:</b> 2022-06-13 <i>Date:</i>		
<b>Stellung / Position:</b> Sr. Engineer- Polymer Dept. Material Testing Laboratories		
<b>Genehmigt von:</b> Ranabir Pal <i>authorized by:</i>		
<b>Ausstelldatum:</b> 2022-06-13 <i>Issue date:</i>		
<b>Stellung / Position:</b> Sr. Manager- Polymer Dept. Material Testing Laboratories		
<b>Sonstiges/ Other:</b> Nil		
<b>Zustand des prüfgegenstandes bei Anlieferung:</b>		
<i>Condition of the test item at the time of delivery:</i> Good.		
<b>Abkürzungen:</b> ok / P = entspricht Prüfgrundlage fail / F = entspricht nicht Prüfgrundlage n.a. / N = nicht anwendbar		
<b>Abbreviations:</b> ok / P = passed fail / F = failed n.a. / N = not applicable		
<b>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.</b> <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:** Mechanical  
**Product Groups:** Rubber and Rubber Products


**Photograph of the Specimen as in received condition**

**Test Name:** Capillary water absorption

**Test Method:** ISO 62:2008 Method 1

**Pre- Conditioning:** Specimens are dried at 50±2°C for 24 hours. After drying cooled at RT in the desiccator before weighing then measure (mass  $m_1$ ).

**Laboratory Environment:** Temperature 23±2°C & 50±5% RH

**Test Condition:** The conditioned specimens shall be placed in a container filled with distilled water maintained at temperature of 23±1°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	0.048
2	0.045
3	0.044
<b>Average</b>	<b>0.046</b>

---- End of Report ----