

Test Report - Industry Services

Prüfbericht - Nr.: <i>Test Report No.:</i>	IND/BLR/CH/2022/4789	Seite 1 von 3 <i>Page 1 of 3</i>
Auftraggeber: <i>Client:</i>	FILMTEC SOLAR PRIVATE LIMITED 18, Khadki - Dungri Road, Village : Dungri Valsad 396185, India.	
Kunden-referenz-Nr.: <i>Client reference no.:</i>	TRF Dated: 2022-06-06	Auftrags-Nr.: <i>Order no.:</i> 146685771
Gegenstand der Prüfung: <i>Test item:</i>	EVA SHEETS	Auftragsdatum: <i>Order date.:</i> 2022-06-06
Bezeichnung Typ-Nr.: <i>Identification / Type No.:</i>	PROTEC EP HT	wareneingangsdatum: <i>Date of sample receipt:</i> 2022-06-06
Auftrags-Inhalt: <i>Order content:</i>	Chemical Test	Prüfmuster-Nr.: <i>Test sample no.:</i> 4789
Prüfgrundlage: <i>Test specification:</i>	ISO 11357- 4	Prüfzeitraum: <i>Testing Period:</i> 2022-06-17 to 2022-06-17
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 3	
Zusammengestellt: Arijit Paul <i>compiled by</i>		
Datum: 2022-06-20 <i>Date:</i>		
Stellung / Position: Sr. Chemist- Polymer Dept. Material Testing Laboratories		
Genehmigt von: Ranabir Pal <i>authorized by:</i>		
Ausstelldatum: 2022-06-20 <i>Issue date:</i>		
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:	<i>ok / P = entspricht Prüfgrundlage</i>	Abbreviations: <i>ok / P = passed</i>
	<i>fail / F = entspricht nicht Prüfgrundlage</i>	<i>fail / F = failed</i>
	<i>n.a. / N = nicht anwendbar</i>	<i>n.a. / N = not applicable</i>
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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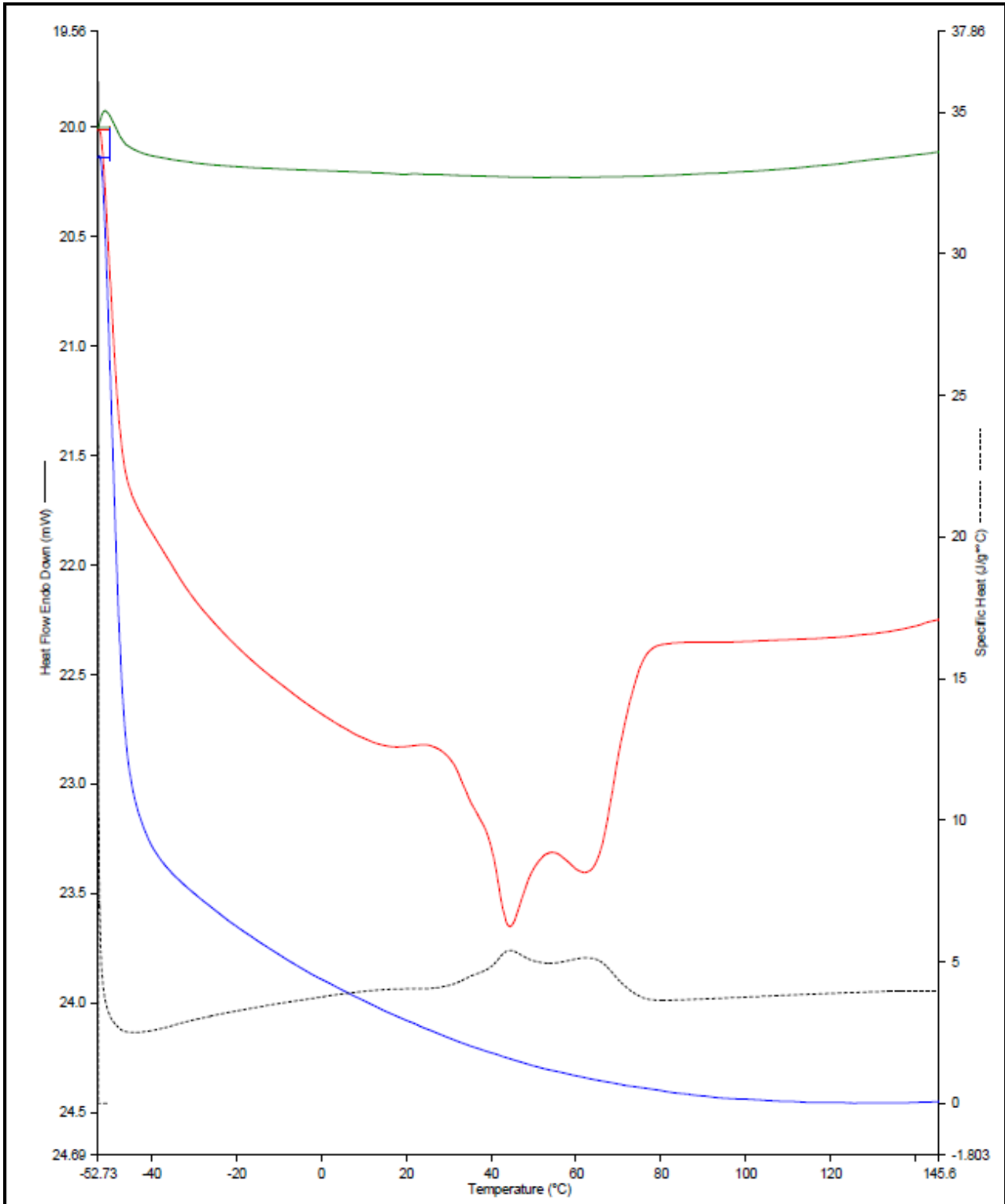
TEST RESULTS

Discipline: Chemical
Product Groups: Rubber and Rubber Products

Photograph of the sample as in received condition
Test Name: Specific Heat Capacity
Test Method: ISO 11357-4 (Continuous-scanning method)
Test Condition: Hold 5 min at -50° C
 Heat from -50.00° C to 150.00° C at 10.00° C/min.
 Hold 5 min at 150° C
 Purge gas: N₂
 Flow Rate: 20 ml/min

Observations:

Sr. No.	Parameter	Unit	Result
1	Specific heat capacity at 0° C	J.g ⁻¹ .K ⁻¹	3.76
2	Specific heat capacity at 10° C	J.g ⁻¹ .K ⁻¹	3.96
3	Specific heat capacity at 20° C	J.g ⁻¹ .K ⁻¹	4.05
4	Specific heat capacity at 30° C	J.g ⁻¹ .K ⁻¹	4.16
5	Specific heat capacity at 80° C	J.g ⁻¹ .K ⁻¹	3.64
6	Specific heat capacity at 90° C	J.g ⁻¹ .K ⁻¹	3.69
7	Specific heat capacity at 100° C	J.g ⁻¹ .K ⁻¹	3.76
8	Specific heat capacity at 110° C	J.g ⁻¹ .K ⁻¹	3.82
9	Specific heat capacity at 120° C	J.g ⁻¹ .K ⁻¹	3.88



Thermograph

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