



Gel Content Report Report

Doc. No.:	EEPL/QA/IPQA/F/03
Revision No.:	01
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Page No.:	1 To 1

Sample Identification	EVA BACK	Date	25/09/2021
Other Remarks	ENCAP S0398F	Pallet No	102
EVA LOT Detail	-	Roll No.	06
Customer	-		

Accepted Criteria : Gel Content should be Between 75 to 95 %

Lamination Recipe	Laminator parameter		
	Temperature	147 ° C	
	Vaccum Time	4 min 20 sec	
	Lamination Time	8 min 20 sec	
	M Pressing Time	40 sec	
	Upper Vaccum Gauge	-	
	Air Pressure	0.5 Mpa	
	Oil Pressure	0.5 Mpa	

Test Parameters and Data

Type of Method Used	Soxhlet Extraction Method	Heating Oven Method <input checked="" type="checkbox"/>
Heating temperature of Toluene in Soxlet/Heating Oven Method		60 ° C
Start time of sample heating in Toluene :		30/7/2021 06:00 pm
Time of sample taken out from Toluene :		31/7/2021 02:00 pm
Total time of sampling heating in Soxhlet/Heating Oven Method :		20 hrs
Time per syphon cycle (For soxhlet extraction) :		-
Sample per Drying time on Teflon sheet		5 min
Sample drying time in Oven :		4 hrs
Sample drying Temperature:		105 ° C

S No.	Sample	Weight of sample EVA W2 (gm)	Weight of Filter paper W1 (gm)	Weight of Residual Specimen W3 (gm)	Weight of Dried EVA sample (W3-W1) (GM)	% Gel content = (W3 - W1)/W2)*100	Remarks
1	Sample 1	1.000	2.340	3.180	0.840	84 %	OK
2	Sample 2	1.000	2.730	3.550	0.820	82 %	OK
3	Sample 3	1.001	2.558	3.401	0.843	84.21 %	OK
4	Sample 4	1.002	2.365	3.229	0.864	86.22 %	OK
5	Sample 5	1.006	2.741	3.613	0.872	86.67 %	OK

% Average Gel Content = **84.62 %**

Result : PASS

Test Conduct by :	Test Approved By :	