

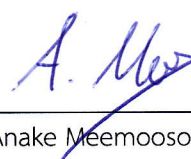


<p>TEST REPORT</p> <p>ANSI/ESD S541-2008</p> <p>ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items- Packaging Materials for ESD Sensitive Items</p>	
Report No.....	61/59-49
EUT No.....	PR-59-231
TISI No.....	-
Testing Laboratory.....	Electrical and Electronic Products Testing Center
Address	141 Thailand Science Park Innovation Cluster 2 Phahonyothin Rd., Khleng Nueng, Khleng Luang, Pathum Thani 12120, Thailand.
Customer's Name	Henkel (Thailand) Ltd
Address	The Offices at CentralWorld, 35th floor, 999/9 Rama 1 Rd., Patumwan, Bangkok 10330
Test detail	
Standard test method.....	ANSI/ESD S541-2008
Non-standard test method	N/A
Test item description.....	
Trade Mark	-
Model/Type	-
Serial No.....	-
Date of receipt.....	13 July 2559
Date of test	7 August 2559
Date of Issue	31 August 2559

<p>Tested by</p> 	<p>Review by</p> 	<p>Approved by</p> 
<p>Sukit Watjinda Engineer</p>	<p>Weerayut Ranghom Calibration Section Head</p>	<p>Anake Meemoosor Operation Manager</p>

This test report is test results from the EUT only, not the product's quality certificate. It shall not be reproduced except in full without the written approval by PTEC.

Electrical and Electronic Products Testing Center

141 Thailand Science Park Innovation Cluster 2 Phahonyothin Rd., Khleng Nueng, Khleng Luang, Pathum Thani 12120, Thailand.

Functional components and sub-assemblies that comprise the sample.	
EUT No.	PR-59-231
Test item description	Technomelt AS8998
Trade Mark	-
Model/Type	-
Serial No.	-
Input Rated	-

Summary of testing
See clause 2 Test Result
Note
EUT Preparation
<ul style="list-style-type: none"> ○ Clean test sample and placed on the test table. ○ Place the sample in a controlled temperature and humidity room. 23° C ± 3° C., 50% ±2% ○ Place the samples in controlled conditions for not less than 12 hours.

Copy of marking plate:
-
Note:
This test report is test results from the EUT only, not the product's quality certificate. It shall not be reproduced except in full without the written approval by PTEC.

1. Equipment Used

Equipment Name	Manufacturer	Model	S/N	Traceability
Resistance Tester	Wolfgang Warmbler	Metriso 3000	YL1177	PTB
Concentric Ring probe	Wolfgang Warmbler	880	-	PTB

2. Test Result

	Test Voltage	Measurement Result (Ohms)	
		ANSI/ESD STM11.11 Surface resistance [Ω]	ANSI/ESD STM11.12 Volume resistance [Ω]
Specimen No.1	100V	$>1.0 \times 10^{12}$	$>1.0 \times 10^{12}$
Specimen No.2	100V	$>1.0 \times 10^{12}$	$>1.0 \times 10^{12}$

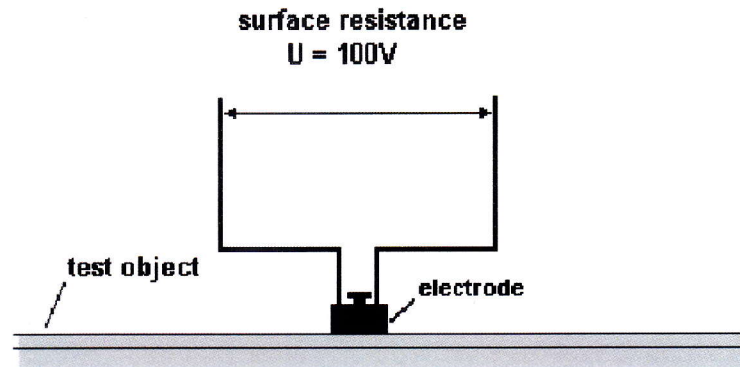


Figure 1 Surface Resistance test setup

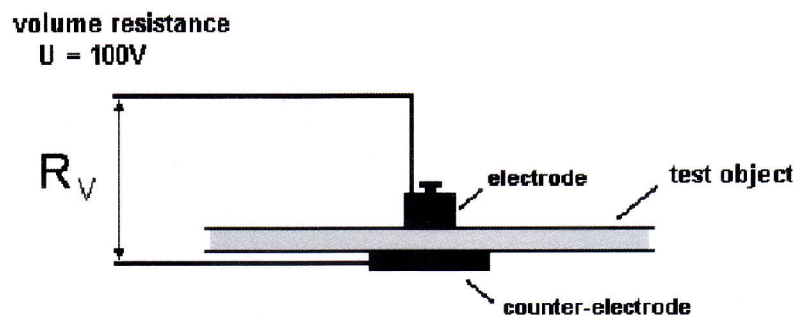
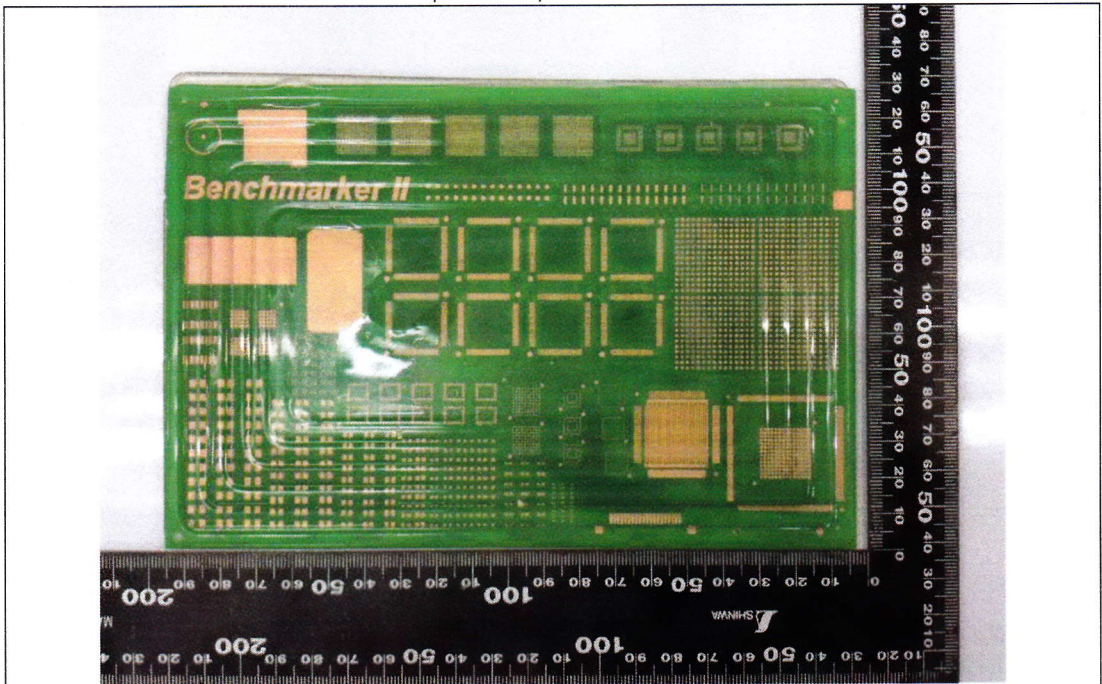


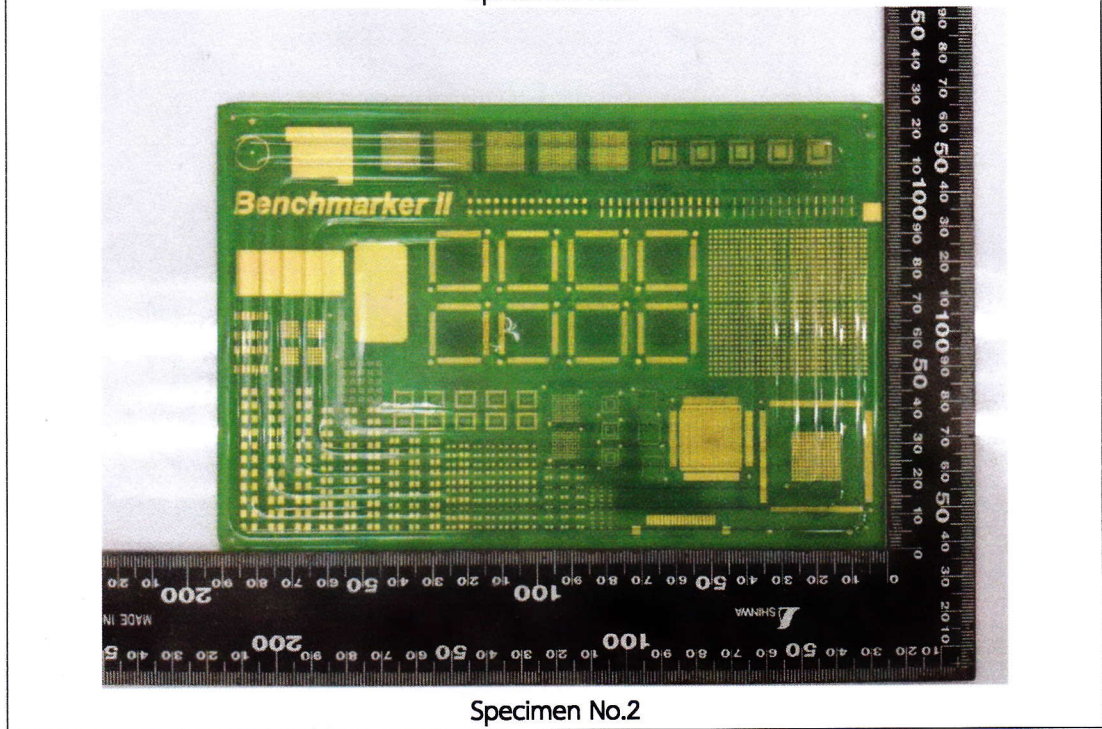
Figure 2 Volume Resistance test setup

This test report is test results from the EUT only, not the product's quality certificate. It shall not be reproduced except in full without the written approval by PTEC.

Annex A.
Specimen picture



Specimen No.1



Specimen No.2

----- END OF REPORT -----

This test report is test results from the EUT only, not the product's quality certificate. It shall not be reproduced except in full without the written approval by PTEC.

- Electrical and Electronic Products Testing Center

141 Thailand Science Park Innovation Cluster 2 Phahonyothin Rd., Khlong Nueng, Khlong Luang, Pathum Thani 12120, Thailand.