



# Test Report

**Sample Name:** Pressure Limiter Plunger (parylene)

**Part Number:** 1055730,DRAW-76 Ver1.0;SPEC-57 Ver2.0

**Manufacturer:** Rega

**Customer:** \_\_\_\_\_

WWW.ICLABCN.COM

Shenzhen Chuangxin Online Testing Service Co., Ltd.

December 04, 2025



## Test Report

Customer:

Customer Address:

Sample Name: Pressure Limiter Plunger (parylene)

Part Number: 1055730,DRAW-76 Ver1.0;SPEC-57 Ver2.0

Manufacturer: Rega

Lot number: C71-25090030

Package Type: N/A

Quantity Received: 15 PCS

Quantity Inspected: 3 PCS

Date Received: 11/26/2025

Date Tested: 12/03/2025/16: 00 - 12/03/2025/18: 00

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Tested by \_\_\_\_\_

Issued by

Inspected by \_\_\_\_\_

(Stamp)

Approved by \_\_\_\_\_

## Test Items And Conclusions

Results Analysis			Conclusion
According to the requirements of the client, 3 samples were subjected to one type of inspection: Focused ion beam(FIB). None of the one inspection revealed any standard defects.			✓
Test Items	Quantity (PCS)	Test Standard	Result
<input checked="" type="checkbox"/> Documentation and Packaging inspection	15	AS6081A-2023	✓
<input type="checkbox"/> External visual inspection	N/A	N/A	N/A
<input type="checkbox"/> Top permanency test	N/A	N/A	N/A
<input type="checkbox"/> Radiography(X-ray)	N/A	N/A	N/A
<input type="checkbox"/> XRF test	N/A	N/A	N/A
<input type="checkbox"/> Pin correlation test	N/A	N/A	N/A
<input type="checkbox"/> Programming test	N/A	N/A	N/A
<input type="checkbox"/> Key functional test(KFT)	N/A	N/A	N/A
<input type="checkbox"/> SAT test	N/A	N/A	N/A
<input type="checkbox"/> Solderability Analysis	N/A	N/A	N/A
<input type="checkbox"/> Reflow soldering	N/A	N/A	N/A
<input type="checkbox"/> Focused ion beam(FIB)	3	AS6081A-2023	N/A

**Result Status:** 
 ✓ Acceptable 
 ✗ Nonconforming 
 ● Suspicious 
 N/A Not tested & not applicable

## Test Equipment

Device name	Serial No.	Model No.	Calibration Due Date
Optical microscope	TC-S-WG-007	SEZ-260	2026/07/07
Scanning acoustic microscope	TC-S-WS-005	SAM301	N/A
Datasheet Reference	《Rega 1055730,DRAW-76 Ver1.0;SPEC-57 Ver2.0》:		

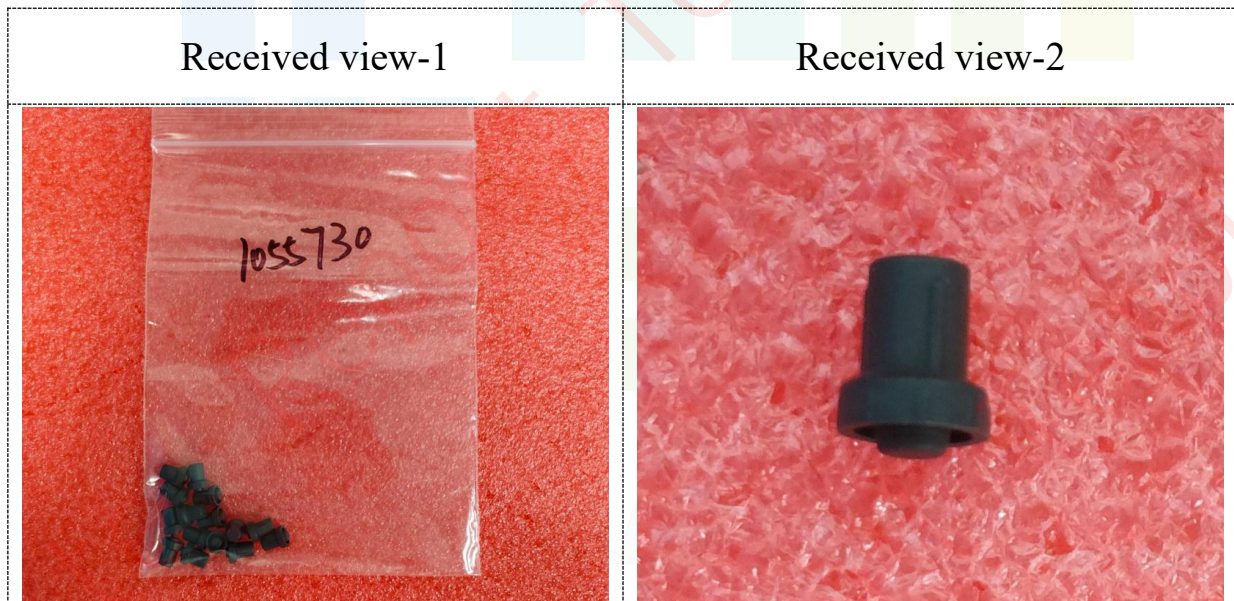
## 1. Device description:

Pressure limiter plunger parylene coating thickness

## 2. Documentation and packaging inspection:

Gross Weight	2.08 g	Quantity Received	15 PCS
Number of Boxes	N/A	Full Label	N/A
Package Type	Bulk	Moisture Protection	N/A
MSL	N/A	ESD Protection	N/A

Note: All devices contain 15 PCS samples.



### 3. Focused ion beam test:

Applicable standard: [AS6081A-2023](#)

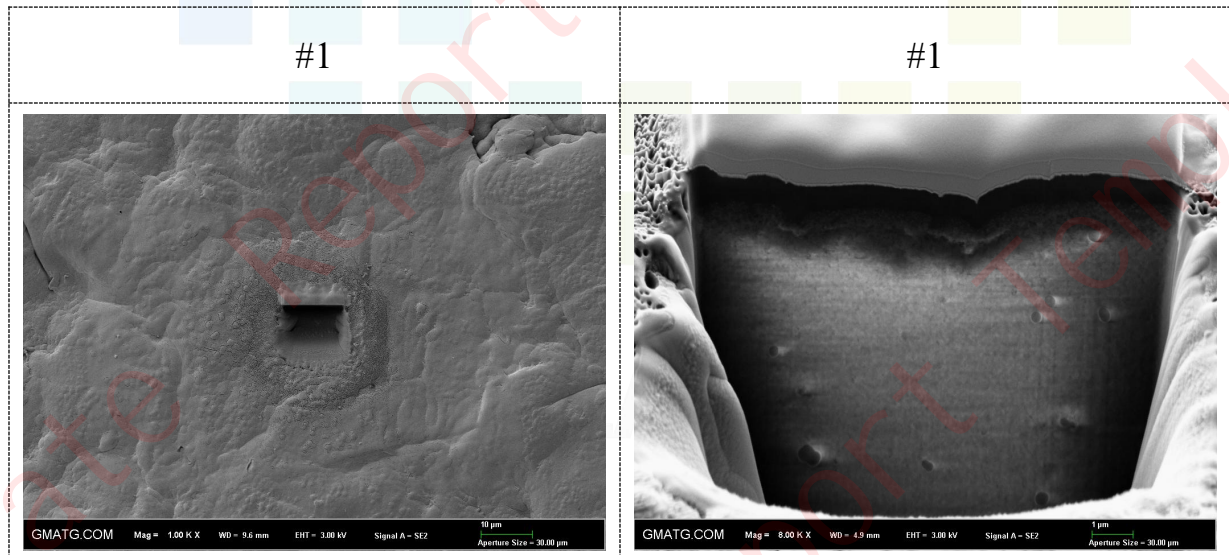
Ambient temperature:  $25 \pm 3$  °C    Relative humidity: 45% ~ 65% RH

15 PCS samples were received for analysis, from which 3 PCS samples (#1, #2 and #3) were randomly selected and a layer of metallic Pt was sprayed onto the coated surface of each sample. The metallic substance would form a nanoscale film on the sample surface. The purpose was to enhance conductivity, protect the samples from being etched by Ga ions during the testing process, ensure that the surface morphology was not damaged, and not affect the measurement.

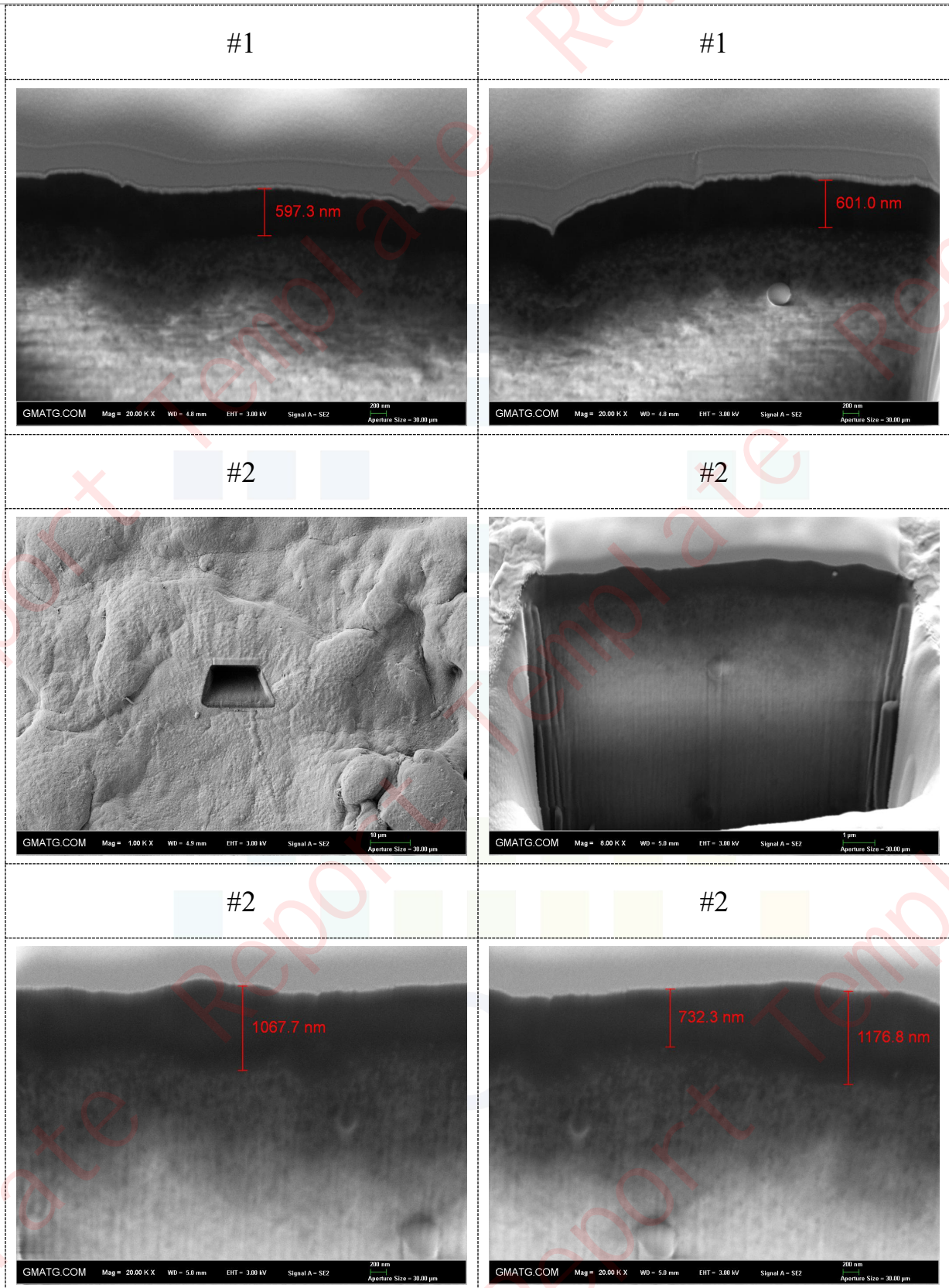
#1: coating test thickness: 597.3nm, 601.0nm;

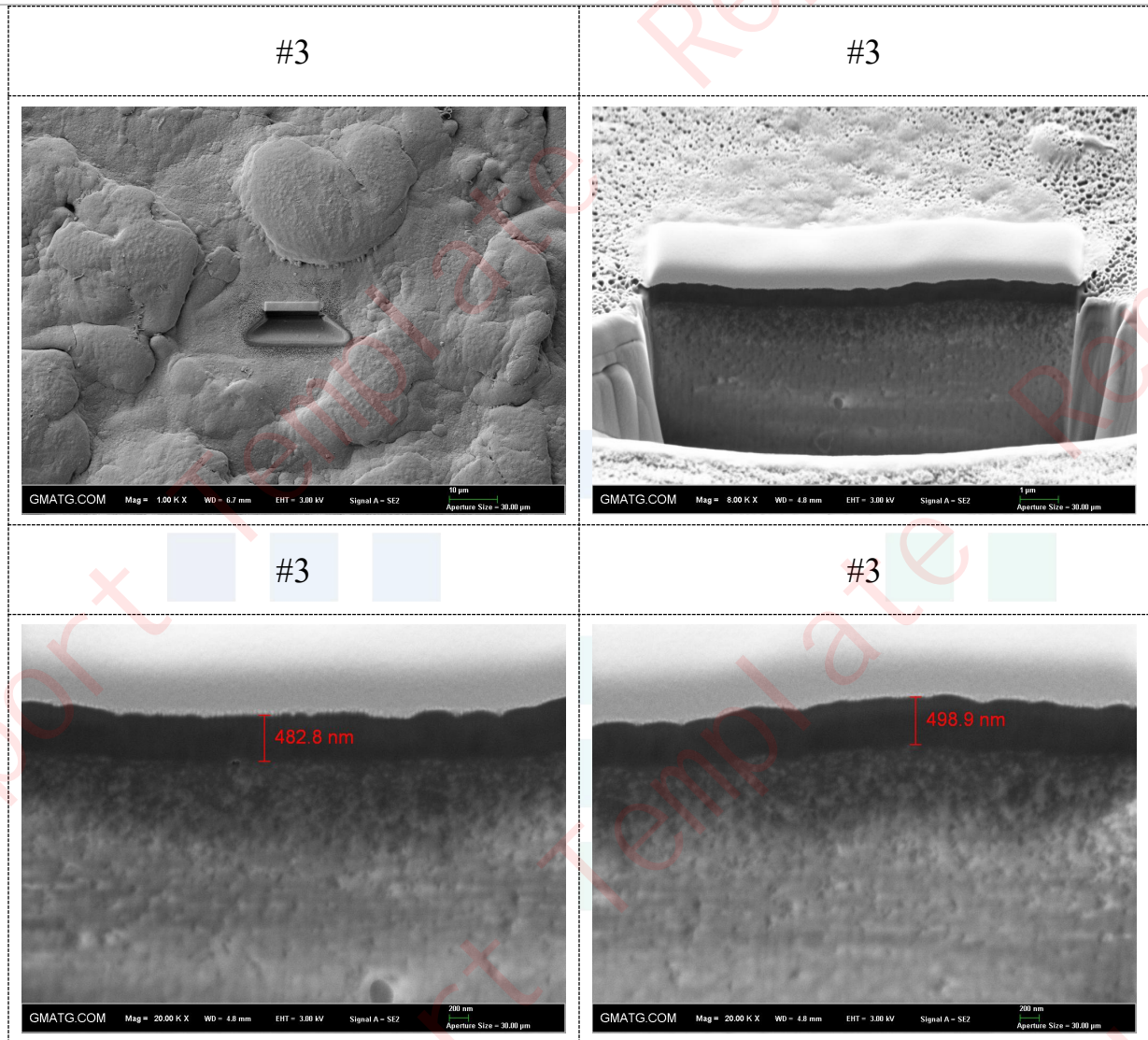
#2: coating test thickness: 1067.7nm, 732.3nm, 1176.8nm;

#3: coating test thickness: 482.8nm, 498.9nm.









-End of Report-



## Disclaimer

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2. The copy of the test report is invalid without the stamp of “company report seal” and “cross-page seal”.
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4. A modified or partial copy of the test report is invalid.
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7. The \* indicates subcontract test data.
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