

(Translation)

Official Emblem

No. 0307/ **18645**

To Forconthai Sealant Co., Ltd.

The Department of Science Service presents the test report for the sample named "3G - ReGaP" Laboratory No. L65/08433.3 as the total of 1 sample with reference to the request No. L65/08433 dated 5 October 2022.

Enclosed herewith the following result avails for your acknowledgement.

Official Seal Affixed

Department of Science Service

7 December 2022

Division of Engineering Materials

Tel. 0 2201 7130

Fax. 0 2201 7127

E-mail : physics@dss.go.th



Certified correct translation

(Mr. Kanit Tapasa)

Director, Division of Engineering Materials



TEST REPORT

Sample's name

3G - ReGaP

Mark / Brand

-

Laboratory No.

L65/08433.3

Test Results

Hardness, Shore A	37
Tensile strength, MPa	0.7
Elongation at break, %	11
Tensile stress at 100% elongation, MPa	-
Tear strength, kN/m	2.8
Heat resistance at 70°C for 21 days	
- Weight loss, %	0.7
- Cracking	No cracks
Peel strength, N/25 mm in width	
- Mortar	30.4
- Aluminium	28.4
Tack free time, minutes	20
Specific Gravity	1.70



Certified correct translation

(Mr.Kanit Tapasa)

Director, Division of Engineering Materials

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Department of Science Service, Ministry of Higher Education Science Research and Innovation

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

Laboratory No. L65/08433.3

Customer's name Forconthai Sealant Co., Ltd.

Customer's address 100/58 Moo 1, Samkhok-Pathamthani Road, Samkhok, Pathumthani
12160

Sample's description White viscous liquid stored in a plastic tube



Test date 10 October – 30 November 2022

Test method

1. Hardness : ASTM C661-15 (2022)
2. Tensile strength and elongation at break : ASTM D412-16, Die C
3. Tensile stress at 100% elongation : ASTM D412-16, Die C
4. Tear strength : ASTM D624-00(2012), Die C
5. Heat resistance: ASTM C1246-17
6. Peel strength : ASTM C794-15a
7. Tack free time : ASTM C679-15
8. Specific gravity : ASTM D1475-13

Remark

1. Test pieces of tensile strength, elongation at break, tensile stress at 100% elongation and tear strength were cured at $(23 \pm 2)^{\circ}\text{C}$, $(50 \pm 10)\% \text{RH}$ for 21 days.
2. Tensile stress at 100% elongation cannot be reported due to less than 100 % elongation.

Approved by
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(Miss Orawan Pinprayoon)
Scientist, Senior Professional Level

Reported by
(Sgd.) Pawadee Sriyota
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Scientist

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(Mr.Kanit Tapasa)

Director, Division of Engineering Materials



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