

#### NSTDA Characterization and Testing Service Center

#### National Science and Technology Development Agency (NSTDA)

111 Thailand Science Park (TSP), Phahonyothin Road, Khlong Nueng, Khlong Luang, Pathum Thani 12120, Thailand

Tel: +66 2117 6850 Fax: +66 2117 6851

## Test Report

Report No.:

67-C1598-3462

Customer:

HWA LIN STAINLESS STEEL INDUSTRY CO., LTD.

61/271-272, Rama 9 Road, Huay Kwang, Huay Kwang, Bangkok 10310

Date of Issue:

27th September 2024

Date of Receipt:

23<sup>rd</sup> September 2024

Date of Analysis:

25th September 2024

Total Page:

3 pages

Test Method:

Please refer to the next page(s)

Test Result:

Please refer to the next page(s)

Tested by:

Approved by:

Anuthida U

Uranjit

(Miss Anuthida Uranjit)

Laboratory officer

(Miss Anantaya Lertngim)

Technical Manager

#### Remarks:

The validity of the test results is strictly limited to the specific samples and the corresponding testing conditions and devices used: not further extrapolation or interpolation of the results is to be inferred.

NSTDA Characterization and Testing Service Center

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- NSTDA Characterization and Testing Service Center is not accountable for customer's information providing that those information affect the testing results.
- NSTDA Characterization and Testing Service Center emphasizes on the policy of non-sampling of the specimens and refrains from interpreting the results.



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# Test Result

Report No.:

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Sample Name:

N4+NSR

Sample No.:

2400218

Sample Description:

ของแข็ง, แผ่นสี่เหลี่ยมจัตุรัส

Test Method:

Micro Hardness Tester (Vickers), Shimadzu, HMV-G31-FA-D-HC60

Test Standard:

User method

Load:

HV0.1 (980.7 mN)

Dwell Time:

15 Sec

Temperature:

23.0±2.0 °C

Humidity:

50.0±5.0 %RH

Preparation:

The customer prepared the test specimens.

Customer Information:

Sample Identification: -

Test Result:

Sample Name	Sample No.	Parameter	Unit	Results
N4+NSR	2400218	Hardness	HV	592
				595
				551
				584
				572
Average				578.8
Standard deviation				17.9



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