

TEST REPORT

No. : SHIN2010063886MR

Date : Oct 19, 2020

Page: 1 of 6



CUSTOMER NAME: WENZHOU JIATAI LATEX PRODUCTS CO., LTD.(CHINA)
 ADDRESS: EAST TWO RD., GEXIANG NEW DISTRICT, NANBIN STREET, RUIAN CITY, ZHEJIANG PROVINCE, CHINA

Sample Name : latex pillow

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : SHIN2010063867PS
 Date of Receipt : Oct 10, 2020
 Testing Start Date : Oct 10, 2020
 Testing End Date : Oct 19, 2020
 Test result(s) : For further details, please refer to the following page(s)
 (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
 SGS-CSTC Standards Technical
 Service (Shanghai) Co., Ltd.

Pheamia Wang

Pheamia Wang
 Authorized signatory



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TEST REPORT

No. : SHIN2010063886MR

Date : Oct 19, 2020

Page: 2 of 6

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Quantitative Analysis of Natural Latex	FTIR, PGC-MS, EDX, TGA and ASTM D5712-15	See result	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



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TEST REPORT

No. : SHIN2010063886MR

Date : Oct 19, 2020

Page: 3 of 6

Test Item: Quantitative Analysis of Natural Latex

Sample Description: White pillow

Test Method:

- (1) Fourier Transform Infrared Spectrometer (FTIR)
Pyrolysis-Gas Chromatography Mass Spectrometry (PGC-MS)
Energy dispersive X-ray fluorescence spectrometer (EDX)
Thermogravimetric Analyzer (TGA)
- (2) Determination of aqueous extractable protein: With reference to ASTM D5712-15, analysis was performed by Ultraviolet and Visible Spectrophotometer(UV-VIS).

Test Result:

No.	Composition	Content, Wt%
1	Natural latex	92
2	Zinc diethyl dithiocarbamate	2
3	Benzothiazole vulcanizing accelerator	
4	Sulfur-containing vulcanizing agent	2
5	Silicate	4
6	Zinc oxide	

Note:

1. Wt% - weight percent.
2. Natural latex contains 3% of fatty acid ester, fatty acid and amides additives.
3. In order to remove disturbance, specimen was treated by soxhlet extraction before natural latex identification.
4. Quantitative data is for reference only.



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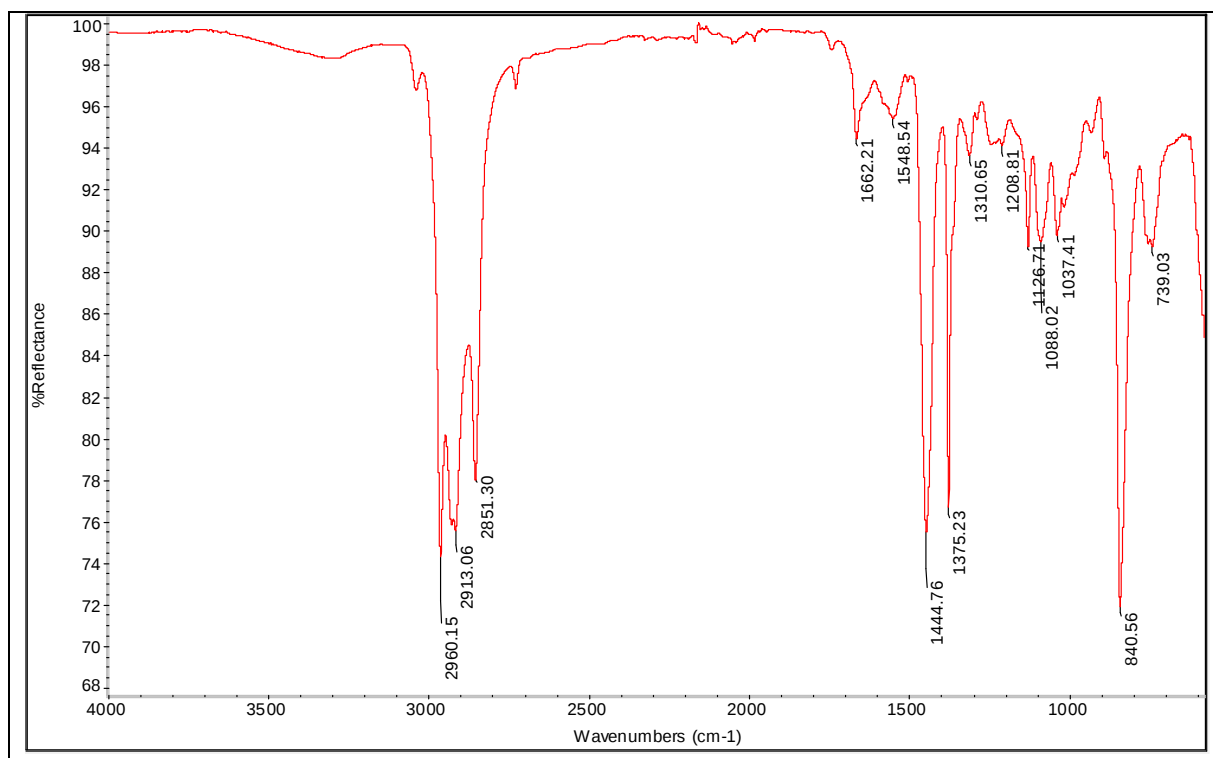
TEST REPORT

No. : SHIN2010063886MR

Date : Oct 19, 2020

Page: 4 of 6

Fig.1: FTIR spectrum of original sample



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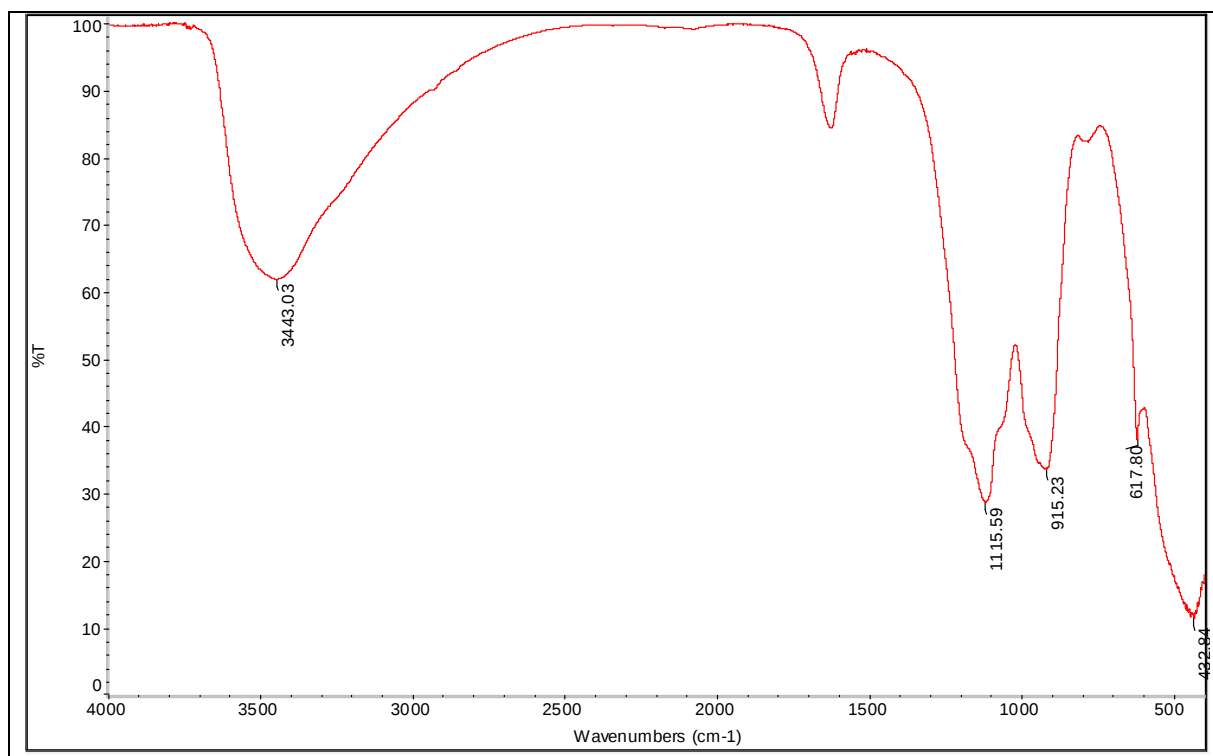
TEST REPORT

No. : SHIN2010063886MR

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Page: 5 of 6

Fig.2: FTIR spectrum of calcination residue



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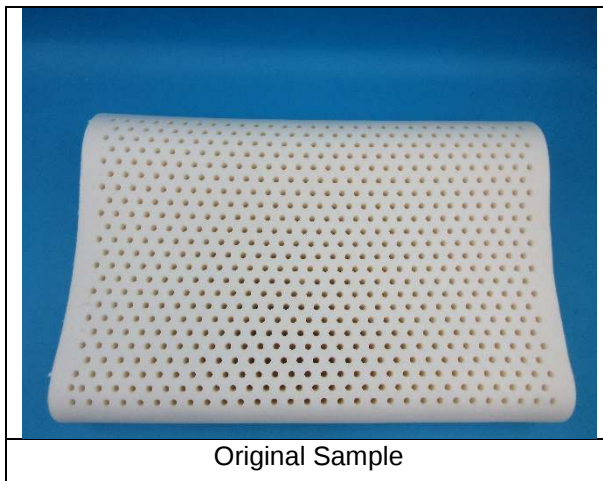
TEST REPORT

No. : SHIN2010063886MR

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Page: 6 of 6

Test Photo:



***** End of report*****

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