

TEST REPORT

No. : SUIN1808007928MR

Date : Aug 31, 2018

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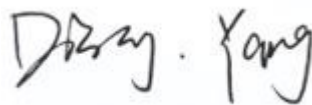
CUSTOMER NAME: SUZHOU JUTAI HPM CO.,LTD.
ADDRESS: NO.8, EAST CHENGHU ROAD, WUZHONG DISTRICT, SUZHOU CITY,
JIANGSU PROVINCE, CHINA PR

Sample Name : PEEK
Manufacturer : Suzhou Jutai HPM Co.,Ltd.

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. : SUIN1808007925PS
Date of Receipt : Aug 31, 2018
Testing Start Date : Aug 31, 2018
Testing End Date : Aug 31, 2018
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
Services Co., Ltd. Suzhou Branch



Dissy Yang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Compressive Strength	ISO 604:2002 and client's requirement	136 MPa	/
2	Rockwell Hardness	GB/T 3398.2-2008 and client's requirement	M 101	/
3	Charpy Notched Impact Strength	ISO 179-1:2010 and client's requirement	4.9 kJ/m ² C(Complete break)	/

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



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1. Test Item: Compressive Strength

Sample Description: Beige sample

Test Method: ISO 604:2002 and client's requirement

Test Condition:

Specimen: Type B

Specimen thickness: 4.17mm

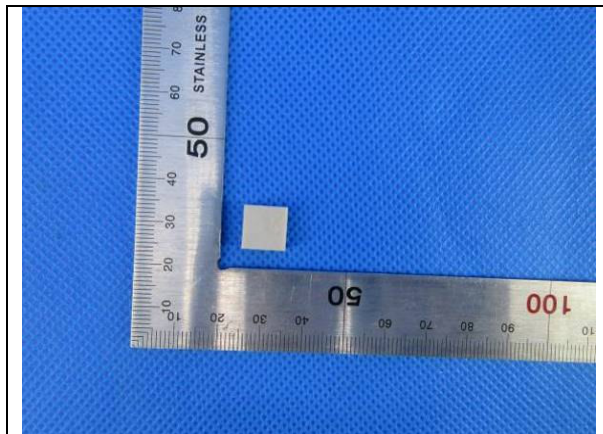
Testing speed: 1 mm/min

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Compressive Strength	136 MPa

Sample Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Universal Testing Machine	Z010	SUZMR-049	2018-02-09	2019-02-08



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2. Test Item: Rockwell Hardness

Sample Description: Beige sample

Test Method: GB/T 3398.2-2008 and client's requirement

Test Condition:

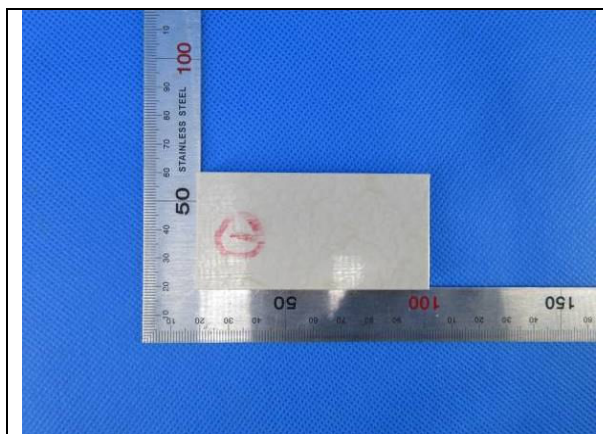
Specimen thickness: 8.56mm

Lab Environmental Condition: 23 ± 2 °C, 50 ± 5 %RH

Test Result:

Test Item	Test Result
Rockwell Hardness	M 101

Sample Photo:



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Digital display Rockwell hard-tester	XHRS-150	SUZMR-183	2018-05-31	2019-05-30



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3. Test Item: Charpy Notched Impact Strength

Sample Description: Beige sample

Test Method: ISO 179-1:2010 and client's requirement

Test Condition:

Specimen: GB/T 1043.1/1eA (Notch preparation: machining)

Specimen thickness: 4.162 mm

The capacity of the pendulum: 1J

Impact speed: 3.50m/s

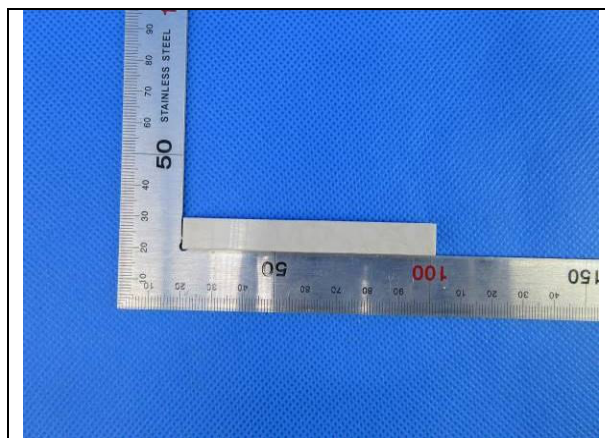
Span: 62mm

Lab Environmental Condition: 23±2°C, 50±5%RH

Test Result:

Test Item	Test Result
Charpy Notched Impact Strength	4.9 kJ/m ² C(Complete break)

Sample Photo:



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Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Pendulum impact tester	BPI-5.5COMC	SUZMR-104	2018-02-09	2019-02-08

- The test report was published by SGS-CSTC Suzhou Branch.
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***** End of report*****



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