

TEST REPORT

No. : GZIN1912066036ML

Date : Dec 11, 2019

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CUSTOMER NAME: SEM (WUXI) METALWORKS CO., LTD
ADDRESS: 8# XIZHAI ROAD, HOZHAI INDUSTRIAL PARK NEW DISTRICT,
WUXI, JIANGSU, CHINA

Sample Name : COIL FOR WEDGE/COIL FOR ROSETTE
Product Specification : 6.35MM&9.75MM
Manufacturer : XJ
Buyer : V03
Material and Mark : Q355B
Heat No. : 1971002319&1971002333

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.

Date of Receipt : Dec 06, 2019
Testing Start Date : Dec 06, 2019
Testing End Date : Dec 11, 2019
Test result(s) : For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center

Shining Chan
Authorized signatory

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1. Chemical Composition Analysis:

Test Method: GB/T 4336-2016+Amd.1-2017

Sample Description	Item/Article/ Model/style No.	C	Si	Mn	P	S	Con.
Coil 6.35mm,%	1971002319	0.17	0.078	0.78	0.018	0.009	Pass
Coil 9.75mm,%	1971002333	0.15	0.12	1.01	0.017	0.008	Pass
GB/T 1591-2018 Q355B Req., %	-	≤0.24 (t≤40)	≤0.55	≤1.60	≤0.035	≤0.035	-

Note: 1. t is sample thickness, mm.

2. Tensile Test:

Test Method: GB/T 228.1-2010

Sample Description	Item/Article/ Model/Style No./Heat No.	Tensile strength, R_m (MPa)	Yield strength, R_{eH} (MPa)	Percentage elongation after fracture, A (%)	Con.
6.35mm	1971002319	544	442	25.0	Pass
9.75mm	1971002333	542	438	25.5	Pass
Req.	-	470~630 (t≤100)	≥355 (t≤100)	≥22 (t≤40)	-

Note: 1. t is sample thickness, mm.

2. The specimens were machined by the client.

3. The results comply with the requirement of GB/T 1591-2018 type Q355B.



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Original Sample Photo:



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