

TEST REPORT

No. : GZIN1604017192ML-01

Date : May 03, 2021

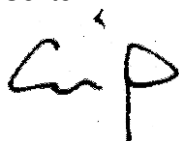
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CUSTOMER NAME: SEM (WUXI) METALWORKS CO., LTD
ADDRESS: 8# XIZHAI ROAD, HOZHAI INDUSTRIAL PARK NEW DISTRICT, WUXI,
JIANGSU, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : TUBE
Product Specification : 3.0mm*1500mm
Manufacturer : XSJ
Material and Mark : Q345D
Date of Receipt : Apr 25, 2021
Testing Start Date : Apr 25, 2021
Testing End Date : Apr 25, 2021
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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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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1. Chemical Composition Analysis:

Test Method: GB/T 4336-2002

Sample Description	Item/Article/Model/style No.	C	Si	Mn	P	S	Con.
Tube 3.0mm*1500mm , %	15304522A-1 (Heat Number)	0.060	0.12	1.14	0.014	<0.003	Pass
GB/T 1591-2008 Q345D Req., %	-	≤0.18	≤0.50	≤1.70	≤0.030	≤0.025	-

2. Tensile Test:

Test method: GB/T 228.1-2010

Sample Description	Item/Article/Model/style No.	Tensile strength, R_m (MPa)	Yield strength, $R_{p0.2}$ (MPa)	Percentage elongation after fracture, A_{50mm} (%)	Con.
Tube 3.0mm*1500mm (Q345D)	15304522A-1 (Heat Number)	547	501	21.5	Pass
GB/T 1591-2008 Q345D requirement	—	470~630 ($t \leq 40$)	≥345 ($t \leq 16$)	≥20 ($t \leq 40$)	—

Note:1. The specimens were machined by client.

2. t is sample thickness, mm.

3. The results comply with the requirement of GB/T 1591-2008 type Q345D.

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Original Sample Photo:



Note: This test report supersedes test report No. GZIN1604017192ML, the original test report is void.

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