

# STEEL MARKET

(Formerly known as Edalat Steel)

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## TEST CERTIFICATE

**INSPECTION CERTIFICATE ACCORDING TO EN 10204 / 3.1**

PRODUCT INFORMATION												
PRODUCT		GRADE		HEAT NO.		DIAMETER, TOL. (mm)						
Stainless Steel wire		AISI 316L		2301268		0.28 mm ( $\pm$ 0.005 mm)						
SURFACE FINISH	P.O NO. /WO NO.	INVOICE NO. /DATE	TC NO. / DATE	QUANTITY								
				NO. OF SPOOL /COILS/BOX	WEIGHT (Kg.)							
BRIGHT	BE22Y-00514 / WE22Y-00495	EX23Y-00357 / 29/08/2023	22Y0672 T / 29/08/2023	173 SPOOLS	906.390	DIN-160						
CHEMICAL COMPOSITION (%)												
ELEMENTS		C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N2	Other
SPECIFIED	MIN.	----	----	----	----	---	10.00	16.00	2.00	---	----	---
	MAX.	0.030	2.00	1.00	0.030	0.045	14.00	18.00	3.00	---	0.100	---
RESULTS		0.023	1.32	0.47	0.006	0.040	10.04	16.65	2.03	0.500	0.0230	
MECHANICAL PROPERTIES												
TEST		DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	YIELD STRENGTH (N/mm <sup>2</sup> )	ELONGATION (%)	SURFACE CONDITION						
SPECIFIED	MIN.	0.275	600	---	---	BRIGHT SOFT						
	MAX.	0.285	800	---	---							
RESULTS	IDENTIFICATION											
	SPOOL NO. 98	0.279	718	---	49	BRIGHT SOFT						
	SPOOL NO. 114	0.281	705	---	50	BRIGHT SOFT						

### REMARKS:

\* MATERIAL IS FREE FROM MERCURY CONTAMINATION.

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We Hereby Certify That The Material Describe Herein Has Been Manufactured And Tested With Satisfactory Results in Accordance With The Requirements. Mechanical Test Results Are Taken Randomly From The Lot.  
All The Material Has Been Tested And Found To be Free From Radioactive Contaminations.

WORKS INSPECTOR