

# 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		316		2209J1051		1.80 mm (± 0.020 mm)						
SURFACE FINISH	P.O NO. /WO NO.	INVOICE NO. /DATE	TC NO. / DATE	QUANTITY								
				NO. OF SPOOL /COILS/BOX	WEIGHT (Kg.)							
BRIGHT	BE22Y-00185 /WE22Y-00187	EX22Y-00644 25/11/2022	22Y0310 C 25/11/2022	-	-							
CHEMICAL COMPOSITION (%)												
ELEMENTS		C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N2	Other
SPECIFIED	MIN.	---	---	---	---	---	10.00	16.00	2.00	---	---	
	MAX.	0.080	2.00	1.00	0.030	0.045	14.00	18.00	3.00	0.600	0.100	
RESULTS		0.029	1.39	0.23	0.008	0.041	10.04	16.80	2.10	0.540	0.046	
MECHANICAL PROPERTIES												
TEST		DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	YIELD STRENGTH (N/mm <sup>2</sup> )	ELONGATION (%)	SURFACE CONDITION						
SPECIFIED	MIN.	1.780	700	---	---	¼ HARD BRIGHT NON-MAGNETIC						
	MAX.	1.820	900	---	---							
RESULTS	IDENTIFICATION											
	COIL NO. 01	1.792	828	-	-	¼ HARD BRIGHT NON-MAGNETIC						
	COIL NO. 04	1.795	812	-	-	¼ HARD BRIGHT NON-MAGNETIC						

## 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