

# 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		304			2302212			3.50 mm (±0.030 mm)				
SURFACE FINISH	P.O NO. /WO NO.	INVOICE NO. /DATE			TC NO. / DATE			QUANTITY				
								NO. OF SPOOL /COILS/BOX			WEIGHT (Kg.)	
BRIGHT EPQ	BE22Y-00356 / WE22Y-00336	EX23Y-00031 14/04/2023			22Y0460 E 13/04/2023			-			-	
CHEMICAL COMPOSITION (%)												
ELEMENTS		C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N2	Other
SPECIFIED	MIN.	---	---	---	---	---	8.00	18.00	---	---	---	---
	MAX.	0.080	2.00	1.00	0.030	0.045	10.50	20.00	---	---	0.100	---
RESULTS		0.025	1.61	0.39	0.006	0.036	8.06	18.15	0.300	0.500	0.0440	---
MECHANICAL PROPERTIES												
TEST		DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	YIELD STRENGTH (N/mm <sup>2</sup> )	ELONGATION (%)			SURFACE CONDITION				
SPECIFIED	MIN.	3.470	700	---	---			¼ HARD BRIGHT NON-MAGNETIC				
	MAX.	3.530	900	---	---							
RESULTS	IDENTIFICATION											
	COIL NO. 02	3.496	795	---	---			¼ HARD BRIGHT NON-MAGNETIC				
	COIL NO. 05	3.502	786	---	---			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