



CS CO.,LTD.

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Cert No. : F090-24001-01

Date : Apr.25,2024

MILL TEST CERTIFICATE

Customer : KAPTAN CELIK HALAT SAN.VE TIC. A.S

L/C No. : _____ Order No. : CSP24-0181

Commodity : GALVANIZED STEEL WIRE ROPE

Construction : 19x7 Grade : 1960

Specification : EN12385-4 Lubrication : A1

Diameter : 12.00 MM Reel No. : 1-3

Quantity : 3 Reels Length : 1,500 M

Kind of Lay : RHOL Weight : _____

RESULT OF TEST

ITEM	SPECIFICATION		ACTUAL		
	Diameter of Rope	12.00 ~ 12.60	mm	12.22	mm
Preforming	GOOD		GOOD		
Length Lay of Wire Rope	Max.	-	mm	72.0	mm
Breaking Strength of Wire Rope	Min.	92.6	kN	118.01	kN
Nominal Diameter of Outer Wire			0.78	mm	
Tensile Strength of Wire	1960	N/mm ²	2165	N/mm ²	
Number of Torsion of Wire	Min.	25	Turns	39	Turns
Weight of Zinc Coating of Wire	Min.	60	g/m ²	89	g/m ²

CHEMICAL ANALYSIS OF WIRE ROD

(%)

Heat No.	C	Si	Mn	P	S	Ni	Cr	Mo
SF72810	0.8482	0.2370	0.6540	0.0085	0.0062			

REMARKS

* NON-ROTATING

* Certificate No. BUS2404738/1~3

"Manufactured in accordance with Quality Management System approved to

IATF 16949 : 2016, ISO 9001 : 2015"



S. J. Jo
 CS CO., LTD. / S. J. Jo
 QUALITY ASSURANCE
 Authorized Quality Assurance Personnel