



CS CO.,LTD.

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Cert No. : F090-24002-04

Date : Aug.16,2024

MILL TEST CERTIFICATE

ORIGINAL

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

L/C No. : Order No. : CSP24-0219

Commodity : GALVANIZED STEEL WIRE ROPE

Construction : 19x7 Grade : 1960

Specification : EN12385-4 Lubrication : A1

Diameter : 6.00 MM Reel No. : 1-4

Quantity : 4 Reels Length : 1,500 M

Kind of Lay : RHOL Weight :

RESULT OF TEST

ITEM	SPECIFICATION			ACTUAL	
Diameter of Rope	6.00 ~ 6.36	mm	6.14	mm	
Preforming	GOOD		GOOD		
Length Lay of Wire Rope	Max.	- mm	36.0	mm	
Breaking Strength of Wire Rope	Min.	23.1 kN	25.4	kN	
Nominal Diameter of Outer Wire			0.39	mm	
Tensile Strength of Wire	1960	N/mm ²	2034	N/mm ²	
Number of Torsion of Wire	Min.	- Turns	35	Turns	
Weight of Zinc Coating of Wire	Min.	30 g/m ²	33	g/m ²	

CHEMICAL ANALYSIS OF WIRE ROD

(%)

Heat No.	C	Si	Mn	P	S	Ni	Cr	Mo
SA69577	0.6117	0.2070	0.5160	0.0086	0.0080			

REMARKS

* NON-ROTATING

"Manufactured in accordance with Quality Management System approved to IATF 16949 : 2016, ISO 9001 : 2015"



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