



CS CO.,LTD.

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Cert No. : F090-20003-04

Date : Dec.03,2020

MILL TEST CERTIFICATE

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

L/C No. : _____ Order No. : CSP20-0614

Commodity : GALVANIZED STEEL WIRE ROPE

Construction : 19x7 Grade : 1770

Specification : EN12385-4 Lubrication : DRY

Diameter : 4.00 MM Reel No. : 1-19

Quantity : 19 Reels Length : 1,000 M

Kind of Lay : RHOL Weight : _____

ORIGINAL

RESULT OF TEST

ITEM	SPECIFICATION	ACTUAL
Diameter of Rope	4.00 ~ 4.28 mm	4.05 mm
Preforming	GOOD	GOOD
Length Lay of Wire Rope	Max. - mm	24.0 mm
Breaking Strength of Wire Rope	Min. 9.29 kN	9.66 kN
Nominal Diameter of Outer Wire		0.26 mm
Tensile Strength of Wire	1770 N/mm ²	1885 N/mm ²
Number of Torsion of Wire	Min. - Turns	43 Turns
Weight of Zinc Coating of Wire	Min. 30 g/m ²	34 g/m ²

CHEMICAL ANALYSIS OF WIRE ROD

(%)

Heat No.	C	Si	Mn	P	S	Ni	Cr	Mo
SA52927	0.4230	0.2010	0.5410	0.0160	0.0154			

REMARKS

* NON-ROTATION

"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