

ERDEMİR ve ÇELİK FABRİKALARI T.A.Ş.
 OBTAINING CAPITAL 3.500.000.000 TL
 PRODUCTION PLANT ISDEHİR

TEST CERTIFICATE
 EN 10204 : 2004 TYPE 3.1

DATE : 20/12/2018
 CERTIFICATE NO : 81792041
 PAGE NO : 3

CUSTOMER
 ORDER NO
 DIMENSIONS : 12.700 X 1229 X C
 STANDARD & GRADE : ASTM A36-2014 A36 (ERDEMİR 3241)
 PRODUCT TYPE & DEFINITION : KRKK : HOT ROLLED, MILL EDGE, HEAVY THICKNESS COIL

LOT NO: Y-1



PRODUCT INFORMATION				MECHANICAL PROPERTIES				CHEMICAL COMPOSITION, CAST ANALYSIS %																	
TICKET NO/WEIGHT (MT)	HEAT NO	COIL of PLATE NO	P S of P P	TENSILE TEST SAM POS	TENSILE TEST YIELD STRENGTH N/MM2	ELONGATION % EL	BEND or TEST VAL	Ag or VAL	VIT or VAL	HARDNESS	IMPACT TEST POSITION: 1 2 3	AVR TEM °C	YIELD HIGH TEMP °C	C %	MN %	P %	S %	SI %	AL %	CU %	CR %	NI %	MO %	CEQ %	
013674525	27 570	18339873	TT	284 4	454 0	36								0.157	0.816	0.014	0.013	0.204	0.043	0.073	0.029	0.039	0.039	0.005	0.308
013674520	28 350	18339879	TT	291 3	464 8	34								0.002	0.000	0.000	0.013	0.204	0.043	0.073	0.029	0.039	0.039	0.005	0.308
013674519	27 940	18339851	TT	280 5	463 9	36								0.002	0.000	0.000	0.013	0.225	0.028	0.047	0.028	0.038	0.038	0.003	0.310
013674530	27 790	18339861	TT	288 3	458 0	38								0.159	0.828	0.014	0.013	0.225	0.028	0.047	0.028	0.038	0.038	0.003	0.310
013674521	29 090	18339861	TT	280 5	453 9	36								0.003	0.000	0.001	0.013	0.225	0.028	0.047	0.028	0.038	0.038	0.003	0.310
013674511	27 630	18340703	TT	287 3	455 0	38								0.159	0.828	0.014	0.013	0.225	0.028	0.047	0.028	0.038	0.038	0.003	0.310
			TT	287 3	455 0	38								0.003	0.000	0.001	0.013	0.225	0.028	0.047	0.028	0.038	0.038	0.003	0.310
			TT	287 3	455 0	38								0.142	0.847	0.017	0.009	0.174	0.037	0.051	0.039	0.041	0.005	0.298	
			TT	287 3	455 0	38								0.000	0.000	0.000									

WE THE MANUFACTURER HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE BY THE BASIC OXYGEN PROCESS AND TESTED IN ACCORDANCE WITH THE RULES OF ASTM A36-2014 A36 (ERDEMİR 3241) WITH SATISFACTORY RESULTS



NOTE: T. Top M.M. d'd'e, E. End T. Transverse, L. Longitudinal P.S. Piece of Slice, P.P. Piece of Plate
 MERKIS Number/Istanbul Head Ofice: 0352-0006-4260-0020, Trade Registry Number(Istanbul Department): 90659, Trade Registry Number(Eregli Department): 15747272
 Head Ofice Istanbul: Barbaros Mah. Ardiç Sok No: 5 34745 Alışehir İSTANBUL - TÜRKİYE
 www.erdemir.com.tr

