


MILL'S TEST CERTIFICATE


A 04		A 02		A 03	
		TEST REPORT AS PER EN 10204 CLAUSE 2.2 CONFORMING TO THE DEFINITION IN EN 10168		DOCUMENT :71869 ISSUE DATE :12.04.2022 PAGE :1/ 1	
A 01		A 06		A 07	
Rüzgarlıbahçe Mahallesi Çam Pınarı Sokak No:1 İç Kapı 34805 Kavacık - Beykoz / İstanbul		CUSTOMER :		ORDER NO : 27192/000110 PURCHASER :	
				A 08	
				MANUFACTURER : ÇOLAKOĞLU METALURJİ A.Ş.	

CT:HOT ROLLED COILS	STANDARD OF ASSESEMENT OF CONFORMITY: EN 10025-1	B 01	STANDARD OF GRADE OF PRODUCT: EN 10025-2	DI MENSION CONTROL STANDARD: EN 10051
---------------------	--	------	--	---------------------------------------

DESCRIPTION OF DELIVERY			MECHANICAL PROPERTIES							TEST RESULTS														CHEMICAL COMPOSITION (LADLE ANALYSIS) (%)									
6	B 07	B 02	B 09	B 11	B 13	C 11	C 12	C 13	C 50	C 71	C 72	C 73	C 74	C 75	C 76	C 77	C 78	C 79	C 80	C 81	C 82	C 83	C 86	C 84	C 89	C 93							
No	Heat No	Grade	Thick ness mm	WIDTH mm	WEIGHT kg	Re (Mpa)	Rm (Mpa)	A%	Bend Test	% C	% Mn	% Si	% P	% S	% Cr	% Ni	% Cu	% Al	% V	% Mo	% Nb	% Ti	% B	% N	% Sn	% Ceq							
20000	NA01336	S 235 JR	3.00	1500	27.520	323	419	31,0	OK	0,04	0,16	0,02	0,010	0,005	0,08	0,09	0,34	0,026	0,003	0,022	0,000	0,004	0,0000	0,008	0,013	0,12							

Yield strength Rm: Tensile strength A: Elongation (%)

Ceq : C + Mn / 6 + (Cr + V+ Mo) / 5 + (Cu + Ni) / 15

Z 04	Z 01	Z 02
 ÇOLAKOĞLU METALURJİ ANONİM ŞİRKETİ Rüzgarlıbahçe Mah.Çam Pınarı Sok No:1 İç Kapı No:16 / 34805 Beykoz/İSTANBUL Tel: 444 26 27 (444 CMAŞ) Fax: 0216 537 1401 02 Büyük Mükellefler V.D. 260 007 4258 Ticaret Sicil: İstanbul / 99002 Mersis No: 0260007425800015 web: www.colakoglu.com.tr	CE MARKING FPC CERTIFICATION NUMBER : 0620-CPR-58521/05 WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER This document was issued electronically and is therefore valid without signature	APPROVED BY QUALITY METALLURGY R&D MANAGER Ramazan TÜTÜK