



Address : Türkmen Bölgesel Büro/Üstüzsöz mah. Ali İbeyli cad.No:18  
Toprakale Osmaniye/Türkiye  
Tel :+90 326 656 28 90 PBX  
Fax :+90 326 656 28 95  
Web :www.toscelik.com.tr  
E-mail :toscelik@toscelik.com.tr

## TEST SERTİFİKASI MILL TEST CERTIFICATE



Sertifika No/Certificate No : 1000355814  
Sayfa/Page : 32 /185  
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Sertifika Normu/Certificate Norm : EN 10204-3.1  
Satış Belgesi/Order No : 10749902  
Sefer No/Shipment No : 10001006686

MÜŞTERİ ADI & ADRESİ  
NAME & ADDRESS OF THE CUSTOMER

DESCRIPTION OF GOODS:  
ERW STEEL PIPES

### Ürün Bilgi ve Mekanik Testler/Product Information and Mechanical Tests

Sıra Item	Tip Type	Ebat Size	Barkod Barcode	Döküm Heat	PIA PPB	Lot No	Üretim Normu Product Norm	Kalite Steel Grade	YS psi	TS psi	E %	N.Bölgesi S.Location	N.Yönü S.Direction	N.Şekli S.Type	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	N.Yönü S.Direction	N.Genişliği S.Width	HT psi	HT TIME Sec.	
187	BPEC	11/4"X0.140"X21'	PB01303549	2403057	42	PO#26.075	ASTM A53 / ASME SA53	GRA_A53	43076	57145	43.6	Body	L	F								1210	5	
188	BPEC	11/4"X0.140"X21'	PB01303575	2403027	42	PO#26.075	ASTM A53 / ASME SA53	GRA_A53	43511	60046	43.2	Body	L	F									1210	5
189	BPEC	11/4"X0.140"X21'	PB01303618	2403027	42	PO#26.075	ASTM A53 / ASME SA53	GRA_A53	43511	60046	43.2	Body	L	F									1210	5
190	BPEC	11/4"X0.140"X21'	PB01303620	2403027	42	PO#26.075	ASTM A53 / ASME SA53	GRA_A53	43511	60046	43.2	Body	L	F									1210	5
191	BPEC	11/4"X0.140"X21'	PB01303643	2403027	42	PO#26.075	ASTM A53 / ASME SA53	GRA_A53	43511	60046	43.2	Body	L	F									1210	5
192	BPEC	11/4"X0.140"X21'	PB01303645	2403027	42	PO#26.075	ASTM A53 / ASME SA53	GRA_A53	43511	60046	43.2	Body	L	F									1210	5

### Kimyasal Testler / Chemical Tests

Sıra Item	Barkod Barcode	Tip Type	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Sn %	Nb %	CEIW %	CEPCM %	M	Heat Treat.		VDC	FT	BD	EX	Non Destruc. Testin			B
																					Type	Temp.					ECT	UT	PA	
187	PB01303549	ÜP	0.0448	0.1929	0.0244	0.2827	0.0148	0.0228	0.0484	0.0224	0.0779	0.2668	0.0052	0.0010	0.0120	0.0219	0.0010	0.1309	0.0888	OK		G	G	G	G	G			G	
188	PB01303575	ÜP	0.0420	0.1948	0.0115	0.2553	0.0102	0.0215	0.0544	0.0346	0.0790	0.2990	0.0081	0.0010	0.0072	0.0192	0.0010	0.1290	0.0853	OK		G	G	G	G	G			G	
189	PB01303618	ÜP	0.0420	0.1948	0.0115	0.2553	0.0102	0.0215	0.0544	0.0346	0.0790	0.2990	0.0081	0.0010	0.0072	0.0192	0.0010	0.1290	0.0853	OK		G	G	G	G	G			G	
190	PB01303620	ÜP	0.0420	0.1948	0.0115	0.2553	0.0102	0.0215	0.0544	0.0346	0.0790	0.2990	0.0081	0.0010	0.0072	0.0192	0.0010	0.1290	0.0853	OK		G	G	G	G	G			G	
191	PB01303643	ÜP	0.0420	0.1948	0.0115	0.2553	0.0102	0.0215	0.0544	0.0346	0.0790	0.2990	0.0081	0.0010	0.0072	0.0192	0.0010	0.1290	0.0853	OK		G	G	G	G	G			G	
192	PB01303645	ÜP	0.0420	0.1948	0.0115	0.2553	0.0102	0.0215	0.0544	0.0346	0.0790	0.2990	0.0081	0.0010	0.0072	0.0192	0.0010	0.1290	0.0853	OK		G	G	G	G	G			G	

G : İyi/Good  
YS :Akma Muk./Yield Strength(N/mm<sup>2</sup>)  
TS :Çekme Muk./Tensile Strength(N/mm<sup>2</sup>)  
E : Uzama/Elongation (%)  
B: Havsalı/ Bevelled  
VDC: Görsel Kontrol/ Visual&Dimensional Check  
EX: Genişleme/ Expanding  
HT: Hidrostatik Test/ Hydrostatic Test(Bar)  
IE :Darbe Enerjisi/Impact Energy(Joule)  
TT :Test Sıcaklığı/ Test Temp.for Impact Testing(°C)  
HT TIME: Saniye/ Second  
FT: Yassıtma/ Flattening  
BD: Bükme/Bonding

ÜP:Ürün/Product  
WS:Kaynak Dikişi/Weld Seam  
FB:Tüm Gövde/Full Body  
M:Markalama/Marking  
PIA/PPB:Paket İçi adet/Pieces per bundle  
L:Boyuna/Longitudinal  
T:Enine/Transverse  
ECT:Eddy Current Test  
UT:Ultrasonic Test  
PA:Phased Array  
F:Düz/Flat  
P:Boru/Pipe

THE RAW MATERIAL OF THE GOODS ARE NOT RUSSIAN OR BELARUSIAN ORIGIN AS ACCORDING TO EU REGULATION 833/2014  
THE MATERIAL TO WHICH THIS MTR REFERS WAS MANUFACTURED IN TURKEY.  
GPE: GALVANISED PLAIN END PIPE  
GTC: GALVANISED THR AND COUP PIPE  
BPEC: COATED BLACK PLAIN END  
BTCC: PRI COA BLACK THRE&COUP PIPE  
BPEGC: PRIMER COATED GROOVED BLACK PLAIN END PIPE

ONAY / APPROVED BY  
ERW Fabrikaları Kalite Müdürü / ERW Plants Quality Manager  
Bülent SÖNMEZ  
bulent.sonmez@toscelik.com.tr  
  
**TOSÇELİK** Profil ve Sac  
Tosçelik Profil ve Sac Endüstrisi A.Ş.  
Organize Sanayi Bölgesi  
80950 TOPRAKKALE/OSMANIYE TÜRKİYE  
T + (328) 826 80 80 Fax : (0328) 826 80 09  
Asım Gündüz V.D: 086 001 3021