

Heat: S03779  
Your PO: PO242284-01

Order: 3118765 Line: 1  
Item: 2 1/2" STD 0.203" PIPE ERW A53/API5L GR B/X-42 PEB SRL

CERTIFICATE NO(성적서 번호) : FA03003 Page 1 of 1  
DATE OF ISSUE(발행일자) : 2021-10-22  
CONTRACT(P/O) NO.(계약번호) : 295403-00  
PR NO.(주문서번호) : E210700455  
COMMODITY(제품명) : H.F.W. STEEL PIPE  
SPECIFICATION(제품규격) : API 5L X42/B PSL1/ASTM A53 Gr.B/ASME SA53 Gr.B

검사증명서  
MILL TEST CERTIFICATE  
EN 10204 TYPE 3.1 - 2004  
CUSTOMER(고객사): Hyundai Steel USA, Inc



출산공장 : 울산광역시 북구 염포로 706  
706, Yeompo-ro, Buk-gu, Ulsan, Korea



No.	TYPE OF PIPE END *1	SIZE OUT-DIA×THICK×LENGTH (외경×두께×길이)	PCS (본)	WEIGHT (KG)	TOTAL LENGTH (F)	HEAT No. (Steelmaking /Coil Rolling)	Hydrostatic Test			Spec. *2	Tensile Properties(Gage Length : 2 inch)					Hardness Test		CVN Impact Test				D.W.T Test(°C)						
							Pressure	Time	Min.		Tensile Strength		Yield Strength	Y/R Rate	E.L.	Max. Value	CVN Impact Test(°C)			Shear Area(%)								
							PSI	SEC	Max.	MPa	MPa	MPa	%	%	#3	#2	#3	Absorbed Energy(Joule)			1 2 avg							
1	EB BE	2-7/8" X 0.203 " X 42.000 F	42	4,675	1,764	S03779 (A/A)	2970	5		L	500		473		27	B H W	178 163 162											
		TOTAL	42	4,675	1,764																							

No.	Heat No.	Spec. *4	Chemical Composition(%)													Zn-Coating Test		HC-Test	H.I.C Test			S.S.C.C Test	Remark					
			C	Si	Mn *7	P	S	Cu	Ni	Cr	Mo	V	Ti	Nb	B	CM1 *8	CM2 *9	CM3 *10	Zn Coating	Copper Sulfate Test	CLP			CTR	CSR			
			2:×100 3:×1000 4:×10000													Time	Result	psi	%	%	%							
1	S03779 (A/A)	H P P	6 7 7	1 1 1	79 76 77	15 12 12	5 7 7	1 1 1	1 3 3	6 6 6	2 2 2	1 1 1	17 17 17	2 1 1	18 18 18	19 19 19	59 59 59											

Heat Treatment	Non-Destructive Test (E.C.T)	Flattening / Bending Test	Visual & Dimension	Residual Magnetism (Gauss)
GOOD	GOOD	GOOD	GOOD	GOOD

본 제품은 관련 규격에 합격되었음을 보증합니다.  
This material has been manufactured, sampled, tested and inspected in accordance with the specification and has been found to meet the requirements.  
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QA Manager

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\* This Mill Test Certificate is a copy that has been printed from original electronic document(with digital signing).  
You are able to check an original electronic document at hyundaisteel's customer portal.( http://sm.hyundai-steel.com/cs/cm/login.jsp ) \* QRcode scanner App : 'QReal'