

TEST CERTIFICATE ACC TO EN: 10204: 3.1				Format No. QFB-QU-14/R-03											
Customer : EXEL GLOBAL SOURCING INC				Test Certificate No. :EW24300350		Date: 28-NOV-2024									
Consignee : SUNBELT GROUP L.P.				W.O. No. :QFSW8898006		Invoice No. :353251100176									
Date: 25-SEP-2024															
P.O.No : EGS1 -1123															
Customer Item : - SEAMLESS BLACK PE PIPES AS PER ASTM A 106B/ASME 106B/API 5L X42 GRADES SIZE: 1/4 X SCH 80															
Specification : ASTM A106/A106M-19a Grade B/ASME BPVC SA-106/SA 106M/ Grade B SECTION II, PART A Edition 2023/API 5LGrade X42 PSL-I (FORTY-SIXTH EDITION)															
Product : HOT FINISHED SEAMLESS STEEL PIPE															
Ends : PLAIN ENDS															
Heat Number : 9066P		Steel Grade : BS 3059		Confirms to : BS 3059		Batch Number : BWK0114									
Steel Supplier: KFIL (STEEL DIV),JEJURI,PUNE				Manufacturing Route: EAF-LRF-VD-CCM(Fully killed)											
Dimensions		Tolerance		Tolerance Inch		Quantity									
	MM Inch	+Ve	-Ve UOM	+Ve	-Ve	Number	Meter / Feet								
OD :	42.200 1.661	0.015	-0.015 INCH			60	365.800 / 1200.190								
ID :	32.500 1.280	0.000	0.000 INCH				1.690 Ton								
WT:	4.850 0.191	0.000	0.000 P			Length: E/ 240.000 - 240.000 MM, E/ 0.787 - 0.787 Feet									
% Chemical Composition (EL) - ASTM A751-21				Mechanical Properties : ASME SA/ASTM A370-24/ASTM E8/E8M-24/E18-24/E10-23											
EL.	UOM	Min	Max	Mill	Product1	Product2	YS (ReH) psi	U.T.S. (Rm) psi	% E (A)	Sample			Tensile specimen Dimensions		
C	%		0.2800	0.1450	0.1460	0.1430				Loca	Orien	Type	Width	WT	
Si	%	0.1000		0.2000	0.2010	0.2030	0.5% EUL			tion	ation	(mm)	(min)		
S	%		0.0300	0.0030	0.0032	0.0031	Min	42100.00	60200.00	22.00					
P	%		0.0300	0.0170	0.0160	0.0170	Max								
Mn	%	0.2900	1.0600	1.0200	1.0200	1.0100	I	54772.00	77457.37	30.80	P	L	Strip	19.59	
Ni	%		0.4000	0.0600	0.0620	0.0610	Tensile strength at ambient temperature								
Cr	%		0.4000	0.0700	0.0690	0.0710	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal								
Mo	%		0.1500	0.0200	0.0210	0.0220									
Cu	%		0.4000	0.1900	0.1980	0.1930									
Sn	%			0.0090	0.0092	0.0091									
Al	%			0.0290	0.0280	0.0290									
Ti	%		0.1500	0.0019	0.0018	0.0019									
V	%		0.0800	0.0030	0.0032	0.0031									
As	%			0.0048	0.0048	0.0049									
Ca	%			0.0007	0.0006	0.0007									
B	%			0.0005	0.0005	0.0005									
Nb	%		0.1500	0.0028	0.0026	0.0027									
CE	%			0.3503	0.3520	0.3475									
Ultrasonic Test (ASTM E213-22)								: Ok							
Type of reference indicator used :															
Notch Orientation	Notch		Notch		Notch		Notch Type		Drill Hole						
	Depth	UOM	Length	UOM	Width	UOM			Dia	UOM					
Longitudinal ID	0.4900	mm	50.0000	mm	0.3000	mm	N NOTCH								
Longitudinal OD	0.4900	mm	50.0000	mm	0.3000	mm	N NOTCH								
Bend Test (As Per Specn.)								: Ok							

