

TEST CERTIFICATE ACC TO EN: 10204: 3.1						Format No. QFB-QU-14/R-03									
Customer : EXEL GLOBAL SOURCING INC						Test Certificate No. :EW24300357 Date: 28-NOV-2024									
Consignee : SUNBELT GROUP L.P.						W.O. No. :QFSW8898008 Invoice No. :353251100177 Date: 28-NOV-2024									
P.O.No : EGS1 -I123						Date: 25-SEP-2024									
Customer Item : - SEAMLESS BLACK PE PIPES AS PER ASTM A106B/ASME 106B/API 5L X42 GRADES SIZE: 3 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-1 (FORTY-SIXTH EDITION)															
Product : HOT FINISHED SEAMLESS STEEL PIPE															
Ends : PLAIN ENDS															
Heat Number : 8986P				Steel Grade : BS 3059				Confirms to : BS 3059				Batch Number : BWJ0660			
Steel Supplier: KFIL (STEEL DIV),JESURI,PUNE															
Manufacturing Route: EAF-LRF-VD-CCM(Fully killed)															
Dimensions		Tolerance		Tolerance Inch		Quantity									
MM	Inch	+Ve	-Ve UOM	+Ve	-Ve	Number	Meter / Feet		Weight						
OD : 88.900	3.500	0.026	-0.026 INCH			63	384.000 / 1259.904		5.730 Ton						
ID : 73.660	2.900	0.000	0.000 INCH			Length: E/ 240.000 - 240.000 MM, E/ 0.787 - 0.787 Feet									
WT: 7.620	0.300	0.000	0.000 P												
% 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) 50.00 mm	Sample		Tensile specimen Dimensions			
C	%		0.2800	0.1500	0.1498	0.1496				Loca	Orien	Type	Width (mm)	WT (mm)	
Si	%	0.1000		0.2200	0.2200	0.2195	0.5% EUL								
S	%		0.0300	0.0040	0.0039	0.0037	Min	42100.00	60200.00	25.00					
P	%		0.0300	0.0090	0.0088	0.0089	Max								
Mn	%	0.2900	1.0600	1.0200	1.0190	1.0180	I	50035.81	74356.80	33.44	P	L	Strip	25.05	7.65
Ni	%		0.4000	0.0600	0.0593	0.0598	Tensile strength at ambient temperature								
Cr	%		0.4000	0.0700	0.0692	0.0693	Abbreviations : P:Pipe Body, U:Upset,T:Transverse, L:Longitudinal								
Mo	%		0.1500	0.0200	0.0199	0.0197									
Cu	%		0.4000	0.1400	0.1397	0.1394									
Sn	%			0.0060	0.0058	0.0059									
Al	%			0.0330	0.0329	0.0330									
Ti	%		0.1500	0.0024	0.0023	0.0024									
V	%		0.0800	0.0023	0.0022	0.0023									
As	%			0.0045	0.0044	0.0045									
Ca	%			0.0011	0.0011	0.0011									
B	%			0.0005	0.0004	0.0005									
Nb	%		0.1500	0.0030	0.0028	0.0029									
Sb	%			0.0039	0.0038	0.0037									
Pb	%			0.0013	0.0012	0.0013									
CE	%			0.3518	0.3512	0.3508									
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	0.7600	mm	50.0000	mm	0.4000	mm	N NOTCH								
Longitudinal OD	0.7600	mm	50.0000	mm	0.4000	mm	N NOTCH								

