

PETROFLANGE

MATERIAL TEST CERTIFICATE

CERTIFICATE NUMBER: 1432

DISTRIBUIDOR:

VENDIDO A: INDUSTRIAS IBERO STEEL S.A. DE C.V.

PEDIDIO:


Dimension Standard: ANSI/ASME B16.9-12

Material Standard: ASME A234/ ASTM A234M-17 A WPB
NACE MR 0175-15 ISO 15156

DESCRIPTION	SIZE	QTY (PCS)	HEAT NO.	CHEMICAL COMPOSITION (%)											
				C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Nb	CE
				0.30 Max.	0.10 Min.	0.29-1.06	0.050 Max.	0.058 Max.	0.40 Max.	0.40 Max.	0.15 Max.	0.40 Max.	0.08 Max.	0.02 Max.	.50 Max.
TEE SCH80 WPB	16 X 12	1	522	0.219	0.198	0.456	0.028	0.033	0.030	0.106	0.051	0.165	0.015	0.010	0.33

MECHANICAL PROPERTIES								NOTES
DESCRIPTION	SIZE	QTY (PCS)	HEAT NO.	TENSILE STRENGTH	YIELD STRENGTH	EL2IN (%)	HARDNESS (HB)	
				Min. 415 Mpa	Min. 240 Mpa	Min. 30%	197 Max.	HOT FORMED 620-980°C AND COOLED IN STILL AIR Cu+Ni+Cr+Mo = <OR =1.00% Cr+Mo = < OR =0.32%
TEE SCH80 WPB	16 X 12	1	522	496	316	33	165	

By that the products described herein has been manufactured in compliance with ASME A234M-17 A WPB and ANSI B16.9 and that the test results shown herein are correct.



 QUALITY MANAGER