



Summary

A - 106/A 106M - 04b

Description: Standard Specification for Seamless Steel Pipe for High Temperature Service

General Information:

		Grade A	Grade B	Grade C
Chemical Composition				
Carbon (max.)		0,250	0,300	0,350
Manganese		0.27 - 0.93	0.29 - 1.06	0.29 - 1.06
Phosphorus (max.)		0,035	0,035	0,035
Sulfur (max.)		0,035	0,035	0,035
Silicon (min.)		0,100	0,100	0,100
Cooper (max.)		0,400	0,400	0,400
Nickel (max.)		0,400	0,400	0,400
Chrome (max.)		0,400	0,400	0,400
Molybdenum (max.)		0,150	0,150	0,150
Vanadium (max.)		0,080	0,080	0,080
Mechanical Properties (Min.)				
Yield (PSI / MPA)		30,000 / 205	35,000 / 240	40,000 / 275
Tensile (PSI / MPA)		48,000 / 330	60,000 / 415	70,000 / 485
Elongation (%) to 2 sq.in		35	30	30
Permissible Variations				
Mass		(+ 10% - 3.5 %)	(+ 10% - 3.5 %)	(+ 10% - 3.5 %)
Thickness		(-) 12.5%	(-) 12.5%	(-) 12.5%

For more Information see ASTM Standard Manual Edition 2006
Pages 28 to 35.

FERSUM S.A. DE C.V. R.F.C. FER070531A14

Av. Ricardo Margain No. 201-18 Col. Santa Engracia San Pedro Garza García, N.L. C.P. 66267
Tel.: ++52 (81) 8218 4422 y 1477 8100 Fax.: ++52 (81) 1477 8111
contacto@fersum.com www.fersum.com