

[ASTM A204GRA/B/C steel plate/sheet for boiler steels](#)

Key words:

[A204GRA/B/C,steel plate/sheet](#), ASTM A204GRA/B/C,AMSE SA204GRA/B/C,steel plate/sheet, ASTM A204GRA/B/C steel plate/sheet for boiler steel, A204GRA/B/C carbon steel used for boiler, ASTM ASME steel plate for boiler using, A204GRA/B/C steel supplier/Chinese supplier, A204GRA/B/C steel price, ASTM A204 steel with Cr,Mo used for boiler and pressure vessel

Equivalent grade :

A204GRA/B/C steel plate/sheet is in ASTM standard. The equal material of A204GRA/B/C is: AFNOR 36206 15CD 2.05

A204GRA/B/C ASTM	AFNOR 36206	15CD 2.05
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[ASTM A204GRA/B/C steel Chemical Composition % :](#)

Main chemical composition in [ASTM A204GRA/B/C steel](#) : A204GRA Carbon max 0.18,A204GRB Carbon max 0.20,A204GRC Carbon max 0.23;Manganese max 0.90, Silicon 0.15-0.40, Phosphorus max 0.035, Sulphur max 0.035 More detailed information, please refer to the flowing table:

Grades	C max	Mn max	S max	P max	Si	Cr	Cu	Mo
A204grA	0.18	0.90	0.035	0.035	0.15-0.40	-	-	-
A204grB	0.20	0.90	0.035	0.035	0.15-0.40	-	-	-
A204grC	0.23	0.90	0.035	0.035	0.15-0.40	-	-	-

ASTM A204GRA/B/C steel Mechanical Properties

ASTM A204grA/B/C steel grade is a kind of steel which with Cr., Mo.,Cr-Mo and mainly used for pressure vessels.The steel grade A204grA/B/C is according to ASTM standard which with the yield strength of 242MPa.The followings are the chemical composition and mechanical properties of ASTM A204grA/B/C steel plate. More detailed information about ASTM A204grA/B/C steel Mechanical Properties , please refer to the following table:

Grade	Tensile Strength (Mpa)	Yield Strength (Mpa)	Elongation in 100-150 mm(%)	Elongation in 16 mm(%)	Max Thickness (mm)
A204	440-590	220-275	19	24	250

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