

BS 1501 PART 2 621 gr. A,B steel plate/sheet for steel with Cr., Mo., Cr-Mo steels

For high temperature and pressure vessels

BS 1501 PART 2 621 gr. A,B steel plate/sheet, BS 1501 PART 2 621 gr. A,B steel plate/sheet, under BS 1501 PART 2 standard, we can regard 621 gr. A,B steel plate/sheet for steel with Cr., Mo.,Cr-Mo steels used for high temperature and pressure vessels.

BS 1501 PART 2 621 gr. A,B steel grade is a kind of steel which with Cr., Mo., Cr-Mo that mainly applied for high temperature and pressure vessels. The steel grade 621 gr. A,B is according to BS 1501 PART 2 standard which with the yield strength of 228MPa.The followings are the chemical composition and mechanical properties of BS 1501 PART 2 621 gr. A,B steel plate.

The chemical composition of steel BS 1501 PART 2 621 gr. A,B steel by [%]

Grades	C	Mn	S	P	Si	Cr	Ni	Cu	Mo	Nb+V+Ti
621 gr. A,B	0.05- 0.17	0.40- 0.65	0.035 max	0.035 max	0.50- 0.80	1.0- 1.5	-	-	0.45- 0.60	-

Mechanical properties of BS 1501 PART 2 621 gr. A,B steel

Grade	Permissible yield point ratio	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)
621 gr. A,B	-	228	380-550	22

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