

**ASTM A 622GR.A,B,C steel plate/sheet for boilers and Pressure Vessels steels**

ASTM A 622GR.A,B,C steel plate/sheet, ASTM A 622GR.A,B,C steel plate/sheet, under ASTM standard, we can regard A 622GR.A,B,C steel plate/sheet for boilers and Pressure Vessels steels. ASTM A 622GR.A,B,C steel plate/sheet is for boilers and Pressure Vessels steels, it is a normalized steel plate and sheet which is mainly used for building pressure vessels and boilers and pipes for hot liquid.

If you are looking for Chinese A 622GR.A,B,C steel supplier, if you want to know A 622GR.A,B,C steel price, please be free to contact us

The chemical composition of A 622GR.A,B,C steel

Element	Max %	Element	max %
C	0.18	Cu	0.30
Si	0.50	Mo	0.08
Mn	0.90-1.70	N	0.02
P	0.03	Nb	0.05
S	0.03	Ni	0.50
AL	-	Ti	0.03
Cr	0.30	V	0.10
Nb+Ti+V	0.12		

The mechanical properties of A 622GR.A,B,C steel

Grade	Material	Thickness	Yield Strength	Tensile Strength	Elongation
		(mm)	MPa (min)	MPa	% (min)
A 622GR.A ,B,C	1.1106	≤ 16	355		
		16> to ≤35	355		
		35> to ≤50	345		
		50> to ≤70	325	490-630	22
		70> to ≤100	315	470-610	21
		100> to ≤150	295	450-590	21
		>150	1)	1)	1)

The impact test of A 622GR.A,B,C steel

Type	Usual Delivery Condition	Nominal Thickness (mm)	Impact Energy KV min[J] at temperature [°C]									
			Longitudinal					Longitudinal				
			-50	-40	-20	0	+20	-50	-40	-20	0	+20
A 622G R.A, B,C	N	5-150	30	40	65	90	100	27	30	40	60	70

**Bebon steel — The most professional exporter on shipbuilding steel**

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