



ASTM A516Gr55 steel plate/sheet for Weldable normalized fine grained pressure vessel steels

ASTM A516Gr55 steel plate/sheet,ASTM A516Gr55 steel plate/sheet, under ASTM standard, we can regard A516Gr55 steel plate/sheet for simple pressure vessels steel.

A516 Grade 55 steel grade is used in moderate and lower temperature pressure vessels steel because of the steel material chemical composition and the property in welding.For the reason of excellent notch toughness and weldability of A516 Grade 55, it sells good to large fabricators service in gas & oil plants.The followings are the chemical composition and mechanical properties of ASTM A516Gr.55 steel plate sheet.

The chemical composition of ASTM A516Gr.55 steel,by mass %

Grade	C	Si	Mn	P	S
A516Gr.55	0.18-0.26	0.13-0.45	0.55-1.3	0.035	0.035

The mechanical properties of ASTM A516Gr.55 steel

Grade	Thickness (mm)	Tensile strength [MPa]	Yield strength Min.[MPa]	Elongation [%]
A516Gr.55	6-40	205	380-515	27
	40-100	205	380-515	23

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