

Steel plate for for Boiler Pressure Vessel ASTM A515gr.55, 60, 65, 70 steel

A515gr.55,60,65,70 steel plate, ASTM A515gr.55,60,65,70 steel plates is a kind of material for boiler and pressure vessel steel. ASTM A515gr.55,60,65,70 steel plates is characterized by a minimum yield strength of 220 - 295 MPa and by good weldability, so A515gr.55,60,65,70 steel is mainly used to for manufacturing boilers, pressure vessels and pipes transporting hot liquids. the following are ASTM A515gr.55,60,65,70 steel plate's Chemical composition and mechanical properties.

If you are looking for Chinese A515gr.55, 60, 65, 70 steel supplier, if you want to know A515gr.55,60,65,70 steel price, please be free to contact us.

Chemical analysis -% by mass* (max) of A515gr.55,60,65,70 steel

Grade	C. %	Mn.%	S.	N	Cu	Nb	Ti.	Si.	P.	AL	Cr.	Mo.	Ni	Vi
A515gr.55,60,65,70	0.08 -0.2	0.90- 1.50	0.015	0.012	0.30	0.020	0.03	0.40	0.025	0.020	0.30	0.08	0.30	0.02

Mechanical properties of A515gr.55, 60, 65, 70 steel

Grade	Type	Thickness mm	Yield strength Mpa(min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KVJ) (min)		
						-20°	0°	+20
A515gr.55,60,65,70	Normalized	≤16	295	460-580	21	27	34	40
		16>to≤40	290	460-580	21	27	34	40
		40>to≤60	285	460-580	21	27	34	40
		60>to≤100	260	460-580	21	27	34	40
		100>to≤150	235	440-570	21	27	34	40
		150>to≤250	220	430-570	21	27	34	40

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