

Steel plate for for Boiler Pressure Vessel JISG3103 SB 410

SB 410 steel plate, JISG3103 SB 410 steel plates is a kind of material for boiler and pressure vessel steel. JISG3103ST E 255 steel plates is characterized by a minimum yield strength of 170-230MPa and by good weldability, so SB 410 steel is mainly used to for manufacturing boilers, pressure vessels and pipes transporting hot liquids. the following are JISG3103 SB 410 steel plate's Chemical composition and mechanical properties

If you are looking for Chinese SB 410 steel supplier, if you want to know SB 410 steel price, please be free to contact us.

SB 410 steel Chemical analysis -% by mass*

Grades	C max	Si max	Mn. max	P max	S max	N max	AL min	Cr max	Cu max	Mo max	Ni max	Nb max	Ti max	V max
SB 410	0.16	0.35	0.60-1.20	0.025	0.015	0.012	0.02	0.3	0.03	0.08	0.3	0.02	0.03	0.02

SB 410 steel Mechanical properties

Grade	TSt E 255ckness (mm)	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KV J) (min)		
					-20℃	0℃	20℃
SB 410	≤ 16	235	360 to 480	24	27	34	40
	16<t ≤40	225	360 to 480	24	27	34	40
	40<t ≤60	215	360 to 480	24	27	34	40
	6<t ≤100	200	360 to 480	24	27	34	40
	100<t ≤150	185	350 to 480	24	27	34	40
	150<t ≤250	170	350 to 480	24	27	34	40

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