

## Steel plate for for Boiler Pressure Vessel JIS3103 SB450 steel

SB450 steel plate, JIS3103SB450 steel plates is a kind of material for boiler and pressure vessel steel. JIS3103SB450 steel plates is characterized by a minimum yield strength of 220 - 295 MPa and by good weldability, so SB450 steel is mainly used to for manufacturing boilers, pressure vessels and pipes transporting hot liquids. the following are JIS3103SB450 steel plate's Chemical composition and mechanical properties.

If you are looking for Chinese SB450 steel supplier, if you want to know SB450 steel price, please be free to contact us.

Chemical analysis -% by mass\* (max) of SB450 steel

Grade	C. %	Mn.%	S.	N	Cu	Nb	Ti.	Si.	P.	AL	Cr.	Mo.	Ni	Vi
SB450	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 SB450 steel

Grade	Type	Thickness mm	Yield strength Mpa(min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KVJ) (min)		
						-20°	0°	+20
SB450	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

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

Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:http://www.shipbuilding-steel.com

Oficina Dir: 2801 B# International enterprise center Zhengzhou city in China.