

SS490 steel plate, JIS3101 SS490 steel plate, under JIS3101 standard, we can regard SS490 steel plate as Carbon and **low alloy steel SS490** steel plate is one mainly of Carbon and low alloy steel, **SS490 steel plate** is alloy steel under the EN standard which is equal to **DIN17100:St52-3,EN10025:S355JR,BS:50B** and UNI7070:Fe510B

A656 ISO 630 Number:1.0557	Comparison of steel grades	
	EN 10025(93)	S 355 J2G4
	EN 10025(90)	FE 510 D D1
	EN 10113-2	S355NL
	JIS 3106	SS 490 YA
	ASTM	A 656 Gr 50

A656 steel plate Chemical analysis -% by mass*

Grade	C≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.
A656	0.2	0.2	0.55	1.6	0.035	0.035

A656 steel sheet Mechanical properties

Grade	Thickness (mm)	Yield Strength ReH[N/mm2]	Tensile Strength	Fracture	Notch impact
			Rm [N/mm2]	Elongation	Energy1)Ch Vcomplete
		Transv.min	Transv.	[%]transv.min	Sample longitude
					Min[J]
A656	T≤16	355	-	-	
	T>16	345	-	-	
	T<3	-	510-680	-	
	T≥3	-	490-630	-	-20 degree
	Up to 1.5	-	-	13	27J
	1.50-2.00	-	-	14	
	2.01-2.50	-	-	15	

BEBON international — We are specialized in hot rolled steel plate/coil.

Tel:0086-371-86151827 86151627

E-mail:BB@Bebonchina.com

Fax: 0086-371-86011881

Web:<http://www.bebonchina.com>

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

	2.51-2.99	-	-	16	
	≥3	-	-	20	

BEBON international — We are specialized in hot rolled steel plate/coil.

Tel:0086-371-86151827 86151627

E-mail:BB@Bebonchina.com

Fax: 0086-371-86011881

Web:<http://www.bebonchina.com>

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