

**EN10149 S600MC steel plate/sheet High yield strength for cold forming steels**

EN10149 S600MC steel plate/sheet, EN10149 S600MC steel plate/sheet, under EN standard, we can regard S600MC steel plate/sheet as high yield strength steels for cold-forming steels.

EN10149 S600MC is mainly used as high yield strength steels for cold-forming steels.

The EN10149 S600MC steel is equivalent to SEW092 QStE600TM, NFA E620D and BS 68F62 steel grades.

S600MC EN 10149-2 Number:1.8969	Comparision of steel grades	
	SEW092	QStE 600TM
	NFA36-231	E620D
	UNI8890	-
	ASTM	-
	BS1449	68F62

Chemical Composition of EN S600MC steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max	Mo max	B max
S600M C	0.12	0.50	1.9	0.025	0.015	0.015	0.09	0.2	0.22	0.5	0.005

Mechanical Properties of EN S600MC steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	600

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	650-820

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	13

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	11

**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.



**BEBON**

BebonChina.com

**Henan BEBON international co.,ltd**

---

**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.