

[EN 10149-2 S500MC steel plate/sheet](#) for High yield strength cold forming steel

Key words: [S500MC steel plate/sheet](#), EN 10149-2 S500MC steel plate/sheet, S500MC steel plate/sheet supplier/Chinese supplier, S500MC steel plate/sheet price, S500MC steel plate/sheet mechanical property.

[EN 10149-2 S500MC steel](#) equivalent grade:

S500MC steel plate/sheet is in EN 10149-2 standard, the material number is 1.0984. The equivalent grades of S500MC steel are SEW092 QStE 500TM, NFA36-231 E490D, UNI8890 FeE490TM, ASTM 070XLK.

S500MC EN 10149-2 Number:1.0984	Comparision of steel grades	
	SEW092	QStE 500TM
	NFA36-231	E490D
	UNI8890	FeE490TM
	ASTM	070XLK
	BS1449	-

[EN 10149-2 S500MC steel chemical composition](#) %:

Main chemical composition in EN 10149-2 S500MC steel is carton max 0.12, silicon max 0.50, manganese max 1.7, phosphorus max 0.025, Sulphur max 0.015. More detailed information about S500MC steel, please refer to the down table:

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
S500MC	0.12	0.50	1.7	0.025	0.015	0.015	0.09	0.2	0.15

EN 10149-2 S500MC steel mechanical property:

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	500

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	550-700

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	14

**Ice steel — The most professional exporter on weathering resistant steel**

Tel:0086-10-56218820

E-mail: [steel@ice-stees.com](mailto:steel@ice-stees.com)

Fax: 0086-10-56218821

Web:<http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA



## Beijing ICE iron and steel

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	12

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of EN 10149-2 S500MC steel are available, so if need, welcome to contact ICE steel sales team.

**Ice steel — The most professional exporter on weathering resistant steel**

Tel:0086-10-56218820

Fax: 0086-10-56218821

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA

E-mail: [steel@ice-steels.com](mailto:steel@ice-steels.com)

Web:<http://www.ice-steels.com>