

[EN 10149-2 S700MC steel plate/sheet](#) for High yield strength cold forming steel

Key words: [S700MC steel plate/sheet](#), EN 10149-2 S700MC steel plate/sheet, S700MC steel plate/sheet supplier/Chinese supplier, S700MC steel plate/sheet price, S700MC steel plate/sheet mechanical property.

[EN 10149-2 S700MC steel](#) equivalent grade:

S700MC steel plate/sheet is in EN 10149-2 standard, the material number is 1.8969. The equivalent grades of S700MC steel are SEW092 QStE 690TM, NFA36-231 E690D, ASTM A514, BS1449 75F70.

S700MC EN 10149-2 Number:1.8974	Comparision of steel grades	
	SEW092	QStE 690TM
	NFA36-231	E690D
	ASTM	A514
	BS1449	75F70

[EN 10149-2 S700MC steel chemical composition](#) %:

Main chemical composition in EN 10149-2 S700MC steel is carton max 0.12, silicon max 0.60, manganese max 2.1, phosphorus max 0.025, Sulphur max 0.015. More detailed information about S700MC 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	Mo max	B max
S700MC	0.12	0.6	2.1	0.025	0.015	0.015	0.09	0.2	0.22	0.5	0.005

EN 10149-2 S700MC steel mechanical property:

Nominal thickness(mm)	-
ReH-Minimun yield strength(Mpa)	700

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	750-950

Nominal thickness(mm)	From3
A-Minimum elongation $Lo=5,65\sqrt{So}(\%)$	12

Nominal thickness(mm)	to3
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Beijing ICE iron and steel

A-Minimum elongation Lo=Lo=80mm(%)	10
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ICE steel is the professional Chinese steel exporter, especially in fine-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of EN 10149-2 S700MC steel are available, so if need, welcome to contact ICE steel sales team.

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