

[EN 10149-2 S420MC steel plate/sheet](#) for High yield strength cold forming steel

Key words: [S420MC steel plate/sheet](#), EN 10149-2 S420MC steel plate/sheet, S420MC steel plate/sheet supplier/Chinese supplier, S420MC steel plate/sheet price, S420MC steel plate/sheet mechanical property.

[EN 10149-2 S420MC steel](#) equivalent grade:

S420MC steel plate/sheet is in EN 10149-2 standard, the material number is 1.0972. The equivalent grades of S420MC steel are SEW092 QStE 420TM, NFA36-231 E420D, UNI8890c FeE420TM, ASTM 060XLK, BS1449 HR50F45.

S420MC EN 10149-2 Number:1.0980	Comparision of steel grades	
	SEW092	QStE 420TM
	NFA36-231	E420D
	UNI8890	FeE420TM
	ASTM	060XLK
	BS1449	HR50F45

[EN 10149-2 S420MC steel chemical composition](#) %:

Main chemical composition in EN 10149-2 S420MC steel is carbon max 0.12, silicon max 0.50, manganese max 1.6, phosphorus max 0.025, Sulphur max 0.015. More detailed information about S420MC 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
S420MC	0.12	0.50	1.6	0.025	0.015	0.015	0.09	0.2	0.15

EN 10149-2 S420MC steel mechanical property:

Nominal thickness(mm)	-
ReH-Minimun yield strength(Mpa)	420

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	480-620

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	19

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## Beijing ICE iron and steel

Nominal thickness(mm)	From3
A-Minimum elongation $Lo=5,65\sqrt{So}(\%)$	19

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 S420MC steel are available, so if need, welcome to contact ICE steel sales team.

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