

EN10149 S650MC steel plate/sheet High yield strength for cold forming steels

EN10149 S650MC steel plate/sheet, EN10149 S650MC steel plate/sheet, under EN standard, we can regard S650MC steel plate/sheet as high yield strength steels for cold-forming steels.

EN10149 S650MC is mainly used as high yield strength steels for cold-forming steels. The EN10149 S650MC steel is equivalent to DIN QStE650TM steel grade.

S650MC EN 10149-2 Number:1.8976	Comparision of steel grades	
	SEW092	QStE 650TM
	NFA36-231	-
	UNI8890	-
	ASTM	-
	BS1449	-

Chemical Composition of EN S650MC 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
S650M C	0.12	0.6	2	0.025	0.015	0.015	0.09	0.2	0.22	0.5	0.005

Mechanical Properties of EN S650MC steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	650

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	700-880

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	12

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	10

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