

EN10149 S355MC steel plate/sheet High yield strength for cold forming steels

EN10149 S355MC steel plate/sheet, EN10149 S355MC steel plate/sheet, under EN standard, we can regard S355MC steel plate/sheet as high yield strength steels for cold-forming steels.

EN10149 S355MC is mainly used as high yield strength steels for cold-forming steels.

The EN10149 S355MC steel is equivalent to SEW092 QStE380TM and NFA E355D steel grades.

S355MC EN 10149-2 Number:1.0976	Comparision of steel grades	
	SEW092	QStE 380TM
	NFA36-231	E355D
	UNI8890	FeE355TM
	ASTM	050XLK

Chemical Composition of EN S355MC steel, by %

Grade	C max	Si max	Mn max	P max	S max	AL max	Nb max	V max	Ti max
S355MC	0.12	0.50	1.5	0.025	0.02	0.015	0.09	0.2	0.15

Mechanical Properties of EN S355MC steel

Nominal thickness(mm)	-
ReH-Minimum yield strength(Mpa)	355

Nominal thickness(mm)	-
Rm-Tensile strength(Mpa)	430-550

Nominal thickness(mm)	From3
A-Minimum elongation Lo=5,65√So(%)	23

Nominal thickness(mm)	to3
A-Minimum elongation Lo=Lo=80mm(%)	19

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