

[EN 10113-3 S275M steel plate/sheet](#) for fine-grain structural steel

Key words: [S275M steel plate/sheet](#), EN 10113-3 S275M steel plate/sheet, S275M steel plate/sheet supplier/Chinese supplier, S275M steel plate/sheet price, S275M steel plate/sheet mechanical property.

[EN 10113-3 S275M](#) steel equivalent grades:

S275M steel plate/sheet is in EN 10113-3 standard, the grade number is 1.8818. The equivalent materials of S275M steel are DIN-SEW083 StE 275 TM, UNI Fe E 275 KGTM,

S275M EN 10113-3 Number:1.8818	Comparison of steel grades	
	DIN-SEW083	StE 275 TM
	UNI	Fe E 275 KGTM

[EN 10113-3 S275M steel chemical composition](#) %:

Main chemical composition in EN 10113-3 S275M steel is carbon max 0.13, silicon max 0.50, manganese max 1.50, phosphorus max 0.025, Sulphur max 0.02, chromium max 0.30. More detailed information about S275M steel, please refer to the down table:

Grade	C max	Si max	Mn max	P max	S max	N max	AL max	Nb max	V max	Ti max	Cr max	Ni max	Mo max	Cu max	CEV max
S275M	0.13	0.50	1.5	0.025	0.02	0.015	0.02	0.05	0.08	0.05	0.30	0.3	0.10	0.55	0.38

EN 10113-3 S275M steel mechanical property:

EN10113 S275M is a technical delivery conditions for thermomechanical rolled weldable fine grain structural steels.S means the structural steel, M means the delivery condition.Capital letter L for the quality with specified minimum values of values of impact energy.

Temperature	-10	0	20
Notch impact test. Min. absorbed energy	43	47	55

Nominal thickness(mm)	to 16	16-40	40-63	63-80	80-100	100-120
ReH-Minimum yield strength(Mpa)	275	265	255	245	245	240

Nominal thickness(mm)	to 40	40-63	63-80	80-100	100-120
Rm-Tensile strength(Mpa)	370-530	360-520	350-510	350-510	350-510
Nominal thickness(mm)	-				
A-Minimum elongation Lo=5,65√So(%)	24				

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Beijing ICE iron and steel

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 10113-3 S275M steel are available, so if need, welcome to contact ICE steel sales team.

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