

**EN 10113-3 S355ML steel plate/sheet** for fine-grain structural steel

Key words: S355ML steel plate/sheet, EN 10113-3 S355ML steel plate/sheet, S355ML steel plate/sheet supplier/Chinese supplier, S355ML steel plate/sheet price, S355ML steel plate/sheet mechanical property.

**EN 10113-3 S355ML steel** equivalent grades:

S355ML steel plate/sheet is in EN 10113-3 standard, the grade number is 1.8834. The equivalent materials of S355M steel are SEW 083 TStE 355 TM, NFA 36-201 E 355 FP, UNI 7382 Fe E 355 KTTM, BS 4360 50 EE, ASTM A 633 Gr.C.

S355ML EN 10113-3 Number:1.8834	Comparision of steel grades	
	SEW 083	TStE 355 TM
	NFA 36-201	E 355 FP
	UNI 7382	Fe E 355 KTTM
	BS 4360	50 EE
	ASTM	A 633 Gr.C

**EN 10113-3 S355ML steel** chemical composition %:

Main chemical composition in EN 10113-3 S355ML steel is carbon max 0.14, silicon max 0.50, manganese max 1.60, phosphorus max 0.025, Sulphur max 0.025, chromium max 0.30. More detailed information about S355ML 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
S355ML	0.14%	0.50%	1.60%	0.025%	0.025%	0.02%	0.02%	0.05%	0.10%	0.05%	0.30%	0.50%	0.10%	0.55%	0.45%

EN 10113-3 S355ML steel mechanical property:

EN10113-3 S355ML 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 at temperature not lower than -50 degree.

Temperature	-50	-40	-30	-20	-10	0	20
Notch impact test. Min. absorbed energy	27	31	40	47	51	55	63

Nominal thickness(mm)	to 16	16-40	40-63	63-80	80-100	100-120
ReH-Minimum yield strength(Mpa)	355	345	335	325	325	320

Nominal thickness(mm)	to 40	40-63	63-80	80-100	100-120
Rm-Tensile strength(Mpa)	470-630	450-610	440-600	440-600	430-590

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## Beijing ICE iron and steel

Nominal thickness(mm)	-
A-Minimum elongation Lo=5,65√So(%)	22

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 10113-3 S355ML steel are available, so if need, welcome to contact ICE steel sales team.

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