

EN 10113-3 S275ML steel plate/sheet for fine-grain structural steel

Key words: S275ML steel plate/sheet, EN 10113-3 S275ML steel plate/sheet, S275ML steel plate/sheet supplier/Chinese supplier, S275ML steel plate/sheet price, S275ML steel plate/sheet mechanical property.

EN 10113-3 S275ML steel equivalent grades:

S275ML steel plate/sheet is in EN 10113-3 standard, the grade number is 1.8819. The equivalent materials of S275ML steel are DIN-SEW083 TStE 275 TM, UNI 7382 Fe E 275 KTTM.

S275ML EN 10113-3 Number:1.8819	Comparision of steel grades	
	DIN-SEW083	TStE 275 TM
	UNI 7382	Fe E 275 KTTM
	BS 4360	-
	ASTM	-

EN 10113-3 S275ML steel chemical composition %:

Main chemical composition in EN 10113-3 S275ML steel is carton 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 S275ML 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
S275ML	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 S275ML steel mechanical property:

EN10113 S275ML is a technical delivery conditions for thermomechanical rolled weldable fine grain structural steels.It is according to EN10113-3 standard.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-Minimun 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)	-				

Ice steel — The most professional exporter on weathering resistant steel

Tel:0086-10-56218820

E-mail: steel@ice-stees.com

Fax: 0086-10-56218821

Web:http://www.ice-steels.com

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA



A-Minimum elongation Lo=5,65√So(%)	24
---------------------------------------	----

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 S275ML steel are available, so if need, welcome to contact ICE steel sales team.

Ice steel — The most professional exporter on weathering resistant steel

Tel:0086-10-56218820

E-mail: steel@ice-steels.com

Fax: 0086-10-56218821

Web:<http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA