

EN10113 S460M steel plate/sheet,EN10113 S460M steel plate/sheet, under EN standard, we can regard **S460M steel plate/sheet**for Fine-grain structural steels, thermomechanically rolled steel.

EN10113 S460M 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 -20 degree

S460M	EN	Comparison of steel grades	
10113-3 Number:1.8827	SEW 083		StE 460 TM
	NFA 36-201		E 460 R
	UNI 7382		Fe E 460 KGTM
	BS 4360		-
	ASTM		A 572 Gr.65

S460M steel plate Chemical Composition

Grade	C	Si	Mn	P	S	N	AL	Nb	V	Ti	Cr	Ni	Mo	Cu	CE
	max	max	max	max	max	max	max	max	max	max	max	max	max	max	max
S460M	0.16%	0.60%	1.70%	0.03%	0.025%	0.025%	0.02%	0.05%	0.12%	0.05%	0.30%	0.80%	0.20%	0.50%	0.40%

S460M steel sheet Mechanical Properties

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)	460	440	430	410	400	385
Nominal thickness(mm)	to 40	40-63	63-80	80-100	100-120	
Rm-Tensile strength(Mpa)	540-720	530-710	510-690	500-680	490-660	
Nominal thickness(mm)	-					
A-Minimum elongation	17					
Lo=5,65√So(%)						

BEBON international — We are specialized in hot rolled steel plate/coil.

Tel:0086-371-86151827 86151627

E-mail:BB@Bebonchina.com

Fax: 0086-371-86011881

Web:<http://www.bebonchina.com>

Oficina Dir: 2801 B# International enterise center Zhengzhou city in China.