

EN 10113-3 S355M steel plate/sheet for fine-grain structural steel

Key words: [S355M steel plate/sheet](#), EN 10113-3 S355M steel plate/sheet, S355M steel plate/sheet supplier/Chinese supplier, S355M steel plate/sheet price, S355M steel plate/sheet mechanical property.

EN 10113-3 S355M steel equivalent grades:

[S355M steel plate/sheet](#) is in EN 10113-3 standard, the grade number is 1.8823. The equivalent materials of S355M steel are SEW 083 StE 355 TM, NFA 36-201 E 355 R, UNI 7382 Fe E 355 KGTM, ASTM A 572 Gr.C.

S355M EN 10113-3 Number:1.8823	Comparision of steel grades	
	SEW 083	StE 355 TM
	NFA 36-201	E 355 R
	UNI 7382	Fe E 355 KGTM
	ASTM	A 572 Gr.C

EN 10113-3 S355M steel chemical composition %:

Main chemical composition in EN 10113-3 S355M steel is carton max 0.14, silicon max 0.50, manganese max 1.60, phosphorus max 0.030, Sulphur max 0.025, chromium max 0.30. More detailed information about S355M steel, please refer to the down table:

Grade	C max	Si max	Mn max	P max	S max	N max	AL min	Nb max	V max	Ti max	Cr max	Ni max	Mo max	Cu max	Ce min
S355M	0.14%	0.50%	1.60%	0.030%	0.025%	0.015%	0.02%	0.05%	0.10%	0.05%	0.30%	0.50%	0.10%	0.55%	0.39%

EN 10113-3 S355M steel mechanical property:

EN10113-3 S355M 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.

Grade	Nom. thick.e	Yield Strength ReH	Tensile Strength ReH	Total Elongation A5	°C	Notch Impact Energy	
						Longitud.	transverse
S355M	≤16mm	≥355MPa	470-630 MPa		+20	≥55	≥31
	>16mm	≥345MPa			0	≥47	≥27
	≥3mm			≥22%	-10	≥43	≥24
					-20	≥40	≥20

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 S355M steel are available, so if need, welcome to contact ICE steel sales team.

Ice steel — The most professional exporter on weathering resistant steel

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