

JIS 3101 SM 570 steel plate/sheet for High Yield Steel

Key words: [SM 570 steel plate/sheet](#), JIS 3101 SM 570 steel plate/sheet, SM 570 steel plate/sheet supplier/Chinese supplier, SM 570 steel plate/sheet price, SM 570 steel plate/sheet mechanical property.

JIS 3101 SM 570 steel equivalent grade:

SM 570 steel plate/sheet is in JIS 3101 standard, the equivalent grade are EN 10028-3 P 460 N, DIN 17102 St E 460, NFA 36201 E 460 R, BS 4360 55 C, EE.

		Comparison of steel grades	
		EN 10028-3	P 460 N
SM 570 JIS 3101	DIN 17102	St E 460	
	NFA 36201	E 460 R	
	BS 4360	55 C, EE	

JIS 3101 SM 570 steel chemical composition %:

Main chemical composition in JIS 3101 SM 570 steel is carbon max 0.19, silicon max 0.55, manganese max 1.6, phosphorus max 0.035, Sulphur max 0.035. More detailed information about SM 570 steel, please refer to the down table:

Chemical composition

Symbol	C max	Si max	Mn	P max	S max
SM570	0.19	0.55	1.6 max	0.035	0.035

JIS 3101 SM 570 steel mechanical property:

SM 570 steel plate is one mainly of High Yield steel, The SM570 steel plate are all under the JIS G3106 standard which are used for welded structures.

Symbol	Yield point or proof stress N/mm ² (min)		Tensile strength N/mm ²	Elongation		
	Thickness of steel mm 16 or under	Over 16-40	Thickness of steel mm 100 or under	thickness	Test piece	% min
SM570	460	450	570-720	<5	NO.5	19
				≥5 <16	NO.5	26
				≥16 <50	NO.5	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 JIS 3101 SM 570 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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