

**EN10025 S235J2 carbon steels**

Key words :

S235J2 steel plate, EN10025 S235J2 steel plate, under EN10025 standard, we can regard S235J2 steel plate as Carbon steel. S235J2 steel plate is one mainly of Carbon steel, S235J2 steel plate would be used to built containers which can bear low temperature sea water. When customers order S235J2 steel plate from us, our mill should be roll them completely according to EN10025\_2 specification, the mill would issue original Mill test certificates before taking delivery for checking.

**EN10025 S235J2 steel Chemical Composition % :**

Main chemical composition in EN10025 S235J2 steel : Carbon max 0.190, Manganese max 1.5, Phosphorus max 0.035, Sulphur max 0.035. More detailed information, please refer to the flowing table:

Grade	C %	Si %	Mn %	P %	S %	N %	Cu %
S235j2	0.190	-	1.500	0.035	0.035	-	0.060

**EN10025 S235J2 steel Mechanical Properties**

**EN10025 S235J2 steel plate/sheet** for carbon steels, This kind of steel has very wide use. Because of the low Carbon content and without alloy element, carbon structural steel has the proper tensile strength, good toughness, plasticity, processing property. More detailed information about EN10025 S235J2 steel Mechanical Properties , please refer to the following table:

Grade	Thickness(mm)	Min Yield (Mpa)	Tensile(MPa)	Elongation(%)	Min Impact Energy	
S235j2	8mm-100mm	215Map-235Mpa	360-510Mpa	21-26%	-20	27J
	101mm-200mm	195Mpa	340-500Mpa	22%	-20	27J
	201mm-400mm	175Mpa	...	21%	-20	27J
The min impact energy is longitudinal energy						

ICE steel is the professional Chinese steel exporter. We can offer you S235J2 sheet, S235J2 Cross Reference, S235J2 Schematic, S235J2 Distributor, S235J2 Equivalent, S235J2 Application Note, S235J2 Data Sheet, S235J2 component, S235J2 Fiche Technique, S235J2 Circuit, S235J2 steel sheet, S235J2 steel price. S235J2 steel supplier, S235J2 steel manufacturer.

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