

EN10025 S235J2 steel plate

S235J2 steel plate, EN10025 S235J2 steel plate, under EN10025 standard, we can regard S235J2 steel plate as Carbon and low alloy steel

S235J2 steel plate is one mainly of Carbon and low alloy 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

The Chemical is max composition of product analysis:

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

The mechanical properties steel plate

Grade	Thickness(mm)	Min Yield (Mpa)	Tensile(MPa)	Elongation(%)	Min Impact Energy	
					-20	27J
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						

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