

Carbon steel plate EN 10155 S235J2W steel plate

S235J2W steel plate, EN 10155 S235J2W steel plate, under EN 10155 standard, we can regard S235J2W steel plate as Carbon steel plate, S235J2W steel plate is one mainly of Carbon steel plate, S235J2W steel plate would be used to built containers which can bear low temperature sea water. When customers order S235J2W steel plate from us, our mill should be roll them completely according to EN 10155-2 specification, the mill would issue original Mill test certificates before taking delivery for checking.

S235J2W EN10155	Comparison of steel grades	
	NFA 35-502	NFA 35-502
	UNI	UNI
	UNI	UNI

S235J2W steel plate Chemical analysis -% by mass*

Grades	C max	Si max	Mn	P max	S max.	Cu max	Cr max	Ni max	N max
S235J2W	0.13	0.40	0.20- 0.60	0.035	0.035	0.25- 0.55	0.40- 0.80	0.85	-

S235J2W steel sheet Mechanical properties

Thickness	Yield Strength ReH[N/mm2] transv.min	Tensile Strength Rm[N/mm2]transv	Fracture Elongation[%]transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t ≤ 16mm	≥235 MPa	380-510MPa	19%	-
t >16mm	≥225 MPa			

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