

Steel Resistant to Atmospherical Corrosion EN10155 S355 J0W steel

S355J0W steel plate, EN10155 S355 J0W steel plate, under EN 10155 standard, we can regard S355J0W steel plate as Steel Resistant to Atmospherical Corrosion S355 J0W steel plate is one mainly of Steel Resistant to Atmospherical Corrosion, S355J0W steel grade is a hot rolled products of structural steels in technical delivery conditions with improved atmospheric corrosion resistance.

S355 J0W EN 10155	Comparison of steel grades	
	EU 155	Fe 510 C2K1
	WBL 087	W St 52.3
	NFA 35502	E 36 WB 3
	BS4360	WR 50 B
	ISO 4952	Fe 355 W

S355J0W steel plate Chemical analysis -% by mass*

Grade	C	Si	Mn	P	S	Cu	Cr	Ni
	max	max	max	max	max.	max	max	max
S355 J0W	0.13	0.4	0.20-1.66	0.035	0.03	0.25-0.55	0.40-0.80	0.65

S355J0W steel sheet Mechanical properties

Grades	Yield Strength ReH[N/mm ²] transv.min		Tensile Strength Rm[N/mm ²] transv		Fracture Elongation[%] transv. min.		Notch Impact Energy 1)Ch Vcomplete samplelongitud. min [J]
	e ²) ≤ 16	e ²) > 16	e ²) < 3	e ²) ≥ 3	e ²) ≤ 2	e ²) ≤ 2	
S 355 J0W	355	345	510 to 680	490 to 630	16/14	17/15	-

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Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:http://www.shipbuilding-steel.com

Oficina Dir: 2801 B# International enterprise center Zhengzhou city in China.