

**Steel Resistant to Atmospherical Corrosion EN 10155 S 355 J0W steel plate**

S 355 J0W steel plate, EN 10155 S 355 J0W steel plate, under EN 10155 standard, we can regard S 355 J0W steel plate as Steel Resistant to Atmospherical Corrosion

S 355 J0W steel plate is one mainly of Steel Resistant to Atmospherical Corrosion, S 355 J0W 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

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

Mechanical properties

Grades	Yield Strength ReH[N/mm <sup>2</sup> ] transv.min		Tensile Strength Rm[N/mm <sup>2</sup> ]transv		Fracture Elongation[%]tran sv. min.		Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
	e <sup>2</sup> ) ≤ 16	e <sup>2</sup> ) > 16	e <sup>2</sup> ) < 3	e <sup>2</sup> ) ≥ 3	e <sup>2</sup> ) ≤ 2	e <sup>2</sup> ) ≤ 2	
	S 355 J0W	355	345	510 to 680	490 to 630	16/14	

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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.