

**S235J0 steel plate**, EN10025 S235J0 steel plate, under EN10025 standard, we can regard **S235J0 steel plate** as Carbon and low alloy steel

**S235J0 steel plate** is one mainly of Carbon and low alloy steel, S235J0 steel plate would be used to built containers which can bear low temperature sea water. When customers order S235J0 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

<b>Comparison of steel grades</b>		
	EN10025:1990	FE E 360 C
<b>S235J0</b>	DIN17100	<b>St37-3U</b>
<b>DIN EN 10025-2Number:</b>	NFA 35-501	E24-3
<b>1.0114</b>	BS1449	<b>40C</b>
	JIS3106	<b>SM400B</b>
	UNI7070	<b>FE 360 C</b>

**S235J0 steel sheet Chemical analysis -% by mass\***

Chemical elements	C <sub>≤16mm</sub>	C <sub>&gt;16mm</sub>	Si	Mn	P	S
	max	max	max	max	max.	max.
%,by mass	0.17	0.17	--	1.40	0.045	0.045

**S235J0 steel plate Mechanical properties**

thickness	Yield Strength <sub>ReH</sub> [N/mm <sup>2</sup> ]	Tensile Strength <sub>R</sub> m[N/mm <sup>2</sup> ]transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy <sub>1</sub> )Ch Vcomplete samplelongitud. min [J]
	≤ 16mm	235		
t > 16mm	225			
t < 3mm		360-510		
t ≥ 3mm		340-470		
Up to 1.5mm			16	
1.51-2.00m			17	Degree: 0
m			18	AV: 27J
2.01-2.50m			19	
m			24	
2.51-2.99m				
m				
≥ 3mm				

**BEBON international — We are specialized in hot rolled steel plate/coil.**

Tel:0086-371-86151827 86151627

E-mail:[BB@Bebonchina.com](mailto:BB@Bebonchina.com)

Fax: 0086-371-86011881

Web:<http://www.bebonchina.com>

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