

[EN 10025 S355J0 steel plate/sheet](#) for general purpose structural steels

Key words: [S355J0 steel plate/sheet](#), EN 10025 S355J0 steel plate/sheet, S355J0 steel plate/sheet supplier/Chinese supplier, S355J0 steel plate/sheet price, S355J0 steel plate/sheet mechanical property.

[EN 10025 S355J0 steel equivalent grade:](#)

S355J0 steel plate/sheet is in EN 10025 standard, the material number is 1.0553. The equivalent grades of S355J0 steel are DIN 17100 St 52-3 U, NFA 35-501 E 36-3, UNI 7070 Fe 510 C, BS 4360 50 C, ASTM A 441, UNE 36.080 AE 355 C.

		Comparision of steel grades	
		NFA 35-501	E 36-3
S355J0  EN 10025  Material #:1.0553		UNI 7070	Fe 510 C
		BS 4360	50 C
		ASTM	A 441
		UNE 36.080	AE 355 C
		DIN 17100	St 52-3 U

[EN 10025 355J0 steel chemical composition](#) %:

Main chemical composition in EN 10025 S355J0 steel is carbon max 0.20, silicon max 0.55, manganese max 1.60, phosphorus max 0.045, Sulphur max 0.040. More detailed information about S355J0 steel, please refer to the down table:

Chemical elements	C≤ 16mm max	C>16mm max	Si max	Mn max	P max.	S max.
%by mass	0.20	0.20	0.55	1.60	0.040	0.040

EN 10025 355J0 steel mechanical property:

S355J0 steel plate is one mainly of carbon and low alloy steel, S355J0 steel plate is a type of steel sheet under EN standard which is used to build ship, bridge, belongs to high strength sheet.

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	355			
t > 16mm	345			
t < 3mm		510-680		
t ≥ 3mm		490-630		0 degree 27J
Up to 1.5mm			13	
1.51-2.00mm			14	
2.01-2.50mm			15	
2.51-2.99mm			16	
≥ 3mm			20	

ICE steel is the professional Chinese steel exporter, especially in fin-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of EN 10025 S355J0 steel are available, so if need, welcome to contact ICE steel sales team.

**Ice steel — The most professional exporter on weathering resistant steel**

Tel:0086-10-56218820

E-mail: [steel@ice-stees.com](mailto:steel@ice-stees.com)

Fax: 0086-10-56218821

Web:<http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA



**Ice steel — The most professional exporter on weathering resistant steel**

---

Tel:0086-10-56218820

E-mail: [steel@ice-steels.com](mailto:steel@ice-steels.com)

Fax: 0086-10-56218821

Web:<http://www.ice-steels.com>

Oficina Dir: ROOM 3007 1# SOHO MODERN CITY, 88 NO. JIAN GUO ROAD BEI JING OF CHINA