

EN10025 S355K2G4 steel,S355K2G4 steel plates,S355K2G4 steel sheet, is a kind of general purpose structural steel in EN10025 standard. The following are EN10025 S355K2G4 steel chemical composition and mechanical properties. If you want to know S355K2G4 steel price , please contact us-- bebon international. We are the professional S355K2G4 supplier.

S355K2G4 DIN EN 10025-2Number: 1.0596	Comparison of steel grades	
	EN10025:1990	<a href="#">FE 510 DD2</a>
	DIN17100	-
	NFA 35-501	-
	<b>BS1449</b>	-
	<b>UNI7070</b>	-

**Chemical analysis -% by mass\***

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	0.035	0.035

**Mechanical properties**

thickness	<a href="#">Yield StrengthReH</a> [N/mm2] transv.min.	<a href="#">TensileStrengthRm</a> [N/mm2]transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t≤ 16mm t >16mm	355 345			-20 degree 40J
t < 3mm t ≥ 3mm		510-680 490-630		
Up to 1.5mm			13	
1.51-2.00mm			14	
2.01-2.50mm			15	
2.51-2.99mm ≥ 3mm			16 20	

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Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

[www.bebonchina.com](http://www.bebonchina.com)

Skype: bebonchina

[www.shipbuilding-steel.com](http://www.shipbuilding-steel.com)
[www.steel-plate-sheet.com](http://www.steel-plate-sheet.com)

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