

[EN 10025 S355K2G4 steel plate/sheet](#) for general purpose structural steels

Key words: [S355K2G4 steel plate/sheet](#), EN 10025 S355K2G4 steel plate/sheet, S355K2G4 steel plate/sheet supplier/Chinese supplier, S355K2G4 steel plate/sheet price, S355K2G4 steel plate/sheet mechanical property.

[EN 10025 S355K2G4 steel chemical composition](#) %:

Main chemical composition in EN 10025 S355K2G4 steel is carbon max 0.2, silicon max 0.55, manganese max 1.60, phosphorus max 0.035, sulphur max 0.035. More detailed information about S355K2G4 steel, please refer to the down table:

Chemical elements	C $\leq$ 16mmmax	C>16mmmax	Si max	Mnmax	P max.	S max.
%,by mass	0.2	0.2	0.55	1.6	0.035	0.035

[EN 10025 S355K2G4 steel](#) mechanical property:

S355 K2G4 steel plate is one mainly of carbon and low alloy steel, S355K2G4 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 $R_{eH}$ [N/mm <sup>2</sup> ] transv.min.	TensileStrength $R_m$ [N/mm <sup>2</sup> ] transv.	Fracture Elongation[%] transv. min.	Notch Impact Energy $1)Ch$ Vcomplete samplelongitud. min [J]
t $\leq$ 16mm	355			-20 degree
t > 16mm	345			
t < 3mm		510-680		
t $\geq$ 3mm		490-630		
Up to 1.5mm			13	
1.51-2.00mm			14	
2.01-2.50mm			15	40J
2.51-2.99mm			16	
$\geq$ 3mm			20	

ICE steel is the professional Chinese steel exporter, especially in fine-grain structural steel. We keep 10000 tons ex-stock in our warehouse, and the MTC and sample of EN 10025 S355K2G4 steel are available, so if need, welcome to contact ICE steel sales team.

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

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