

[EN 10025 S355K2G3 steel plate/sheet](#) for general purpose structural steels

Key words: [S355K2G3 steel plate/sheet](#), EN 10025 S355K2G3 steel plate/sheet, S355K2G3 steel plate/sheet supplier/Chinese supplier, S355K2G3 steel plate/sheet price, S355K2G3 steel plate/sheet mechanical property.

[EN 10025 S355K2G3 steel](#) equivalent grade:

S355K2G3 steel plate/sheet is in EN 10025 standard, the material number is 1.0595. The equivalent grades of S355K2G3 steel are NFA 35-501 E 36-4, BS 4360 50 DD.

S355K2G3 EN 10025 Material #:1.0595	Comparison of steel grades	
	NFA 35-501	E 36-4
	BS 4360	50 DD

[EN 10025 S355K2G3 steel chemical composition](#) %:

Main chemical composition in EN 10025 S355K2G3 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 S355K2G3 steel, please refer to the down table:

Chemical elements	C≤ 16mm	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 S355K2G3 steel mechanical property:

S355K2G3 steel plate has a -20 degree temperature steel. Compare with S355J2 , S355K2 steel plate impact energy is 40J, S355J2 is 27J under 150mm thickness. So S355K2 steel plate is better for choice in low temperature high impact energy projects.

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

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Beijing ICE iron and steel

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 S355K2G3 steel are available, so if need, welcome to contact ICE steel sales team.

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