

EN10025 S235J2G4 steel,S235J2G4 steel plates,S235J2G4 steel sheet, is a kind of general purpose structural steel in EN10025 standard. The following are EN10025 S235J2G4 steel chemical composition and mechanical properties. If you want to know S235J2G4 steel price , please contact us-- bebon international. We are the professional S235J2G4 supplier.

<b>S235J2G4</b> <b>DIN EN 10025-2Number: 1.0117</b>	<b>Comparison of steel grades</b>	
	EN10025:1990	<b>FE 360 D2</b>
	DIN17100	-
	NFA 35-501	-
	BS1449	-
	UNI7070	-

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

Chemical elements	C≤16mm max	C>16mm max	Si max	Mn max	P max.	S max.
%,by mass	0.17	0.17	--	1.40	0.035	0.035

**Mechanical properties**

thickness	Yield StrengthReH[N/mm2] transv.min.	TensileStrengthRm[N/mm2]transv.	Fracture Elongation[%]transv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
t≤16mm t>16mm	235 225			Degree: -20 AV: 27J
t<3mm t≥3mm		360-510 340-470		
Up to 1.5mm			16	
1.51-2.00mm			17	
2.01-2.50mm			18	
2.51-2.99mm ≥3mm			19 24	

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