

EN10025 S235J2G3 Carbon structural steel

EN10025 S235J2G3 steel plate, EN10025 S235J2G3 steel plate is a kind of carbon structural steel.

EN10025 S235J2G3 steel plate is characterised by a minimum yield strength of 170-235MPa and tensile strength of 340-510MPa,so S235J2G3 steel is mainly used in riveted, bolted, or welded construction of bridges and buildings.the following are EN10025 S235J2G3 steel plate's Chemical composition and mechanical properties

If you are looking for Chinese S235J2G3 steel supplier,if you want to know S235J2G3 steel price, please be free to contact us.

S235J2G3 steel plate 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	0.045	0.045

S235J2G3 steel plate 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: 0 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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