

Fine-grain structural steels, normalised rolled EN10111 S355NL steel plate

S355NL steel plate, under EN10111 standard S355NL steel plate, under EN10111 standard, we can regard S355NL steel plate as Fine-grain structural steels, normalised rolled

S355NL steel plate is one mainly of Fine-grain structural steels, normalised rolled, The normalized rolled fine-grain structural steel S355NL is characterized by a minimum yield strength of 355 MPa, by good weldability and high resistance to brittle fracture, which is same with DIN:TStE355 and BS:55EE

S355NL EN 10111 MATERIAL# 1.0456	Comparison of steel grades	
	UNE36081	AE 355 KT
	DIN17102	T StE 355
	UN	Fe E 355 KT N
	NFA36 201	E355FP
	BS1449	50 EE

Chemical analysis -% by mass*

Chemical elements	C max	Si max	Mn max	P max	S max.	Cu max	Cr max	Ni max	V max	Nb max	Al min
%,by mass	0.18	0.50	0.90-1.65	0.025	0.020	0.55	0.30	0.50	0.12	0.05	0.02

Mechanical properties

thickness	Yield Strength ReH[N/mm2] transv.min.	TensileStrength Rm[N/mm2]tran sv.	Fracture Elongation[%]transv. min.	Notch Impact	
				Energy1)Ch Vcomplete samplelongitud. min [J]	
t ≤ 16mm t > 16mm	355 345			+20	KV 40J
t < 3mm t ≥ 3mm		470-630		0	KV 34J
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			22	-10	KV 30J
				-20	KV 27J
				-30	KV 23J
				-40	KV 20J
				-50	KV 16J

Bebon steel — The most professional exporter on shipbuilding steel

Tel:0086-371-86151527

E-mail:bb@bebonchina.com

Fax: 0086-371-86011881

MSN:bebonchina@hotmail.com

Skype: bebonchina

Web:http://www.shipbuilding-steel.com

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