

S275N steel plate is under **EN10025-3** standard equivalent to DIN:StE285, which with a minimum impact energy of 20J at temperatures not lower than -20 degree and the tensile strength of **S275N** is 370 to 510MPa

s275nL steel plate is a hot rolled structural steels, which technical delivery conditions for normalized or normalized rolled in weldable fine grain structural

Comparison of steel grades

S275J2G4	EN10025:1990	FE 430 D2
DIN EN 10025-2 Number:	DIN17100	-
1.0145	NFA 35-501	-
	BS1449	-
	UNI7070	-

S275J2G4 /S275NL steel plate Chemical analysis -% by mass*

Chemical elements	C≤16mm	C>16mm	Si	Mn	P	S
	max	max	max	max	max.	max.
%,by mass	0.18	0.18	--	1.50	0.035	0.035

S275J2G4 /S275NL steel sheet Mechanical properties

thickness	Yield	Tensile Strength R	Fracture	Notch Impact
	Strength ReH [N/mm ²] transv.min.	m [N/mm ²] transv.	Elongation [%] transv. min.	Energy 1) Ch V complete sample longitud. min [J]
t ≤ 16mm	275		13	
t > 16mm	265		14	
t < 3mm		430-580		
t ≥ 3mm		410-560		
Up to 1.5mm			15	
1.51-2.00m			16	-20 degree
m			20	27J
2.01-2.50m				
m				
2.51-2.99m				
m				
≥ 3mm				

BEBON international — We are specialized in hot rolled steel plate/coil.

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