

EN10028 P355NH steel,P355NH steel plates,SPA-H steel sheet, is a kind of weldable normalized fine grained pressure vessel steel in EN10028 standard. The following are EN10028 P355NH steel chemical composition and mechanical properties. If you want to know P355NH steel price , please contact us-- bebon international. We are the professional P355NH supplier.

P355NH DIN EN 10028-3 Number:1.0565	Comparison of steel grades	
	ASTM	<a href="#">A662 Gr. C</a>
	DIN17102	<a href="#">WsteE 355</a>
	NFA 36-207	<a href="#">A 510 AP</a>
	BS1501	<a href="#">224 Gr. 490</a>
UNI	<a href="#">Fe E 355-2</a>	

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

Chemical elements	C max	Si max	Mn	P max	S max.	Cu max	Cr	Ni max	V max	Nb max	Al min
%,by mass	0.20	0.50	1.10-1.70	0.025	0.015	0.30	0.3-1.25	0.50	0.10	0.05	0.02

**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	355 345			
t < 3mm t ≥ 3mm		490-630		+20 50J 0 40J
Up to 1.5mm 1.51-2.00mm 2.01-2.50mm 2.51-2.99mm ≥ 3mm			22	-20 30J -40 - -50 -

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