



EN10028 P275NH steel plate/sheet for boilers and Pressure Vessels steels

EN10028 P275NH steel plate/sheet,EN10028 P275NH steel plate/sheet, under EN standard, we can regard P275NH steel plate/sheet for boilers and Pressure Vessels steels.EN10028 P275NH steel plate/sheet is for boilers and Pressure Vessels steels,it is a normalized steel plate and sheet which is mainly used for building pressure vessels and boilers and pipes for hot liquid.

The chemical composition of EN P275NH steel

Element	Max %	Element	max %
C	0.18	Cu	0.30
Si	0.40	Mo	0.08
Mn	0.50-1.40	N	0.02
P	0.03	Nb	0.05
S	0.03	Ni	0.50
AL	0.020	Ti	0.03
Cr	0.30	V	0.05
Nb+Ti+V	0.05		

The mechanical properties of EN P275NH steel

Grade	Material	Thickness	Yield Strength	Tensile Strength	Elongation
		(mm)	MPa (min)	MPa	% (min)
P275NH	1.0487	≤ 16	275		
		16> to ≤35	275		
		35> to ≤50	265		
		50> to ≤70	255	370-490	23
		70> to ≤100	235	350-470	1)
		100> to ≤150	225	1)	1)
		>150	390-510	24	

The impact test of EN P275NH steel

Usual	Normal	Impact Energy KV min[J] at temperature [°C]
-------	--------	---

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.



BEBON
BebonChina.com

Henan BEBON international co.,ltd

Type	Delivery Condition	Thickness (mm)	Longitudinal					Longitudinal				
			-50	-40	-20	0	+20	-50	-40	-20	0	+20
P275 NH	N	5-150	-	-	40	47	55	-	-	20	27	31

Bebon steel — The most professional exporter on shipbuilding steel

Tel:0086-371-86151527

Fax:0086-371-86011881

Skype:bebonchina

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

E-mail:bb@bebonchina.com

MSN:bebonchina@hotmail.com

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