

EN10028 P275N steel plate/sheet, EN10028 P275N steel plate/sheet, under **EN standard**, we can regard P275N steel plate/sheet for boilers and Pressure Vessels steels. **EN10028P275N 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.

P275NH

Comparison of steel grades

EN10028-3 MATERIAL#1.0487

UNE36081

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DIN17102

WStE 285

NFA 36-207

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BS1501

224Gr.430

ASTM

A516Gr.60

P275N steel sheet Chemical Composition

Grade	C	Si.	Mn.	P	S	N	AL	Cr	Cu	Mo	Ni	Nb	Ti	V
s	≤	≤		≤	≤	≤	≥	≤	≤	≤	≤	≤	≤	≤
P275N	0.1	0.4	0.80~1.	0.02	0.01	0.01	0.02	0.3	0.3	0.0	0.5	0.0	0.0	0.0
H	6	0	50	5	5	2	0	0	0	8	0	5	3	5

P275N steel plate Mechanical Properties

Thickness	Yield Strength ReH[N/mm2] transv.min	Tensile Strength Rm[N/mm2]transv	Fracture Elongation[%]tran sv. min.	Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J]
5 < t ≤ 150mm	275	430 to 530	-	-

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

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