

P460NL2 acc. to 8-B EN 10 028-3

We keep the following steel grade in stock:

P460NL2 acc. to 8-B EN 10 028-3 Mat.no. 1.8918

P460NL21 is a weldable, fine grained, normalised steel for boiler and pressure vessels, with high yield strength combined with high toughness to save weight in use.

Delivery with certificate 3.2 acc. to DIN EN 10 204.

Chemical composition (heat analysis %)

Grade	C max.	Si max.	Mn	P max.	S max.	Al min.	Cr max.	Mo max.	Cu max.	Ni max.	V max.	Nb max.	Ti max.	N max.	Nb+Ti +V
P460NL2	0,20	0,60	1,10- 1,70	0,020	0,005	0,020	0,30	0,10	0,70	0,80	0,20	0,05 %	0,03	0,025	0,22 %

Mechanical properties in delivery condition:

Tensile testing on transverse specimens at room temperature.

Grade	R _m (MPa)				R _{eH} (MPa)					A ₅ (% min.)	
	≤ 16	> 16 ≤ 60	> 60 ≤ 100	> 100	≤ 16	> 16 ≤ 40	> 40 ≤ 60	> 60 ≤ 100	> 100	≤ 100	> 100
P460NL2	570 - 730	570 - 720	540 - 710	*	460	445	430	400	*	17	*

* Values will be agreed

Impact test on charpy-V. Values min. 27 Joule at -50° C – transverse test.

Thickness/ dimensions

Thickness: 3 - 200 mm / dimensions up to 3.000 x 12.000 mm.

You get these plates with our special Ancofer-Service! Please contact our sales department-heavy plates

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..... Ancofer is certificated in
conformity to DIN EN ISO 9001:2008