

# P355NL2 ACC. TO DIN EN 10028-3

We keep the following steel grade in stock:

## **P355NL2 acc. to DIN EN 10028-3 Mat.no. 1.1106**

P355NL2 is a weldable, fine grained, normalized steel plate for high stressed welded constructions in constructional steelwork, hydraulic steelwork, bridge building, mechanical engineering, shipbuilding, pressure vessels and penstock.

Delivery with certificate 3.2 acc. to DIN EN 10204

### **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 max.
P355NL2	0,18	0,50	1,10 - 1,70	0,020	0,005	0,020	0,30	0,08	0,30	0,50	0,10	0,05	0,03	0,012	0,12

### **Mechanical properties in delivery condition**

Tensile testing on transverse specimens at room temperature.

Grade	R <sub>m</sub> (MPa)				R <sub>eH</sub> (MPa) min.						A <sub>5</sub> (% min.)	
	≤ 60	> 60 ≤ 100	> 100 ≤ 150	> 150 ≤ 250	≤ 16	> 16 ≤ 40	> 40 ≤ 60	> 60 ≤ 100	> 100 ≤ 150	> 150 ≤ 250	≤ 60	> 60 ≤ 250
P355NL2	490 - 630	470 - 610	460 - 600	450 - 590	355	345	335	315	305	295	22	21

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

### **Thickness/dimensions**

Thickness: 5 - 250 mm /dimensions: up to 4,000 x 16,000 mm. You get these plates with our special ANCOFER-Service. Please contact our sales department heavy plate.

ANCOFER is certificated in conformity to DIN EN ISO 9001, to DIN EN 1090 and to DIN EN ISO 50001.

## **ANCOFER STAHLHANDEL**

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## **UNSER WORT IST STAHL.**

Competent and prompt response,  
from enquiry to delivery