

EN 10028-3 P355NL2 steel plate/EN10028 P355NL2 steel sheet, under ,EN standard,**P355NL2's MATERIAL** is 1.1106 . we can regard P355NL2 steel plate/sheet for **boilers and Pressure Vessels steels**.EN10028P355NL2 steel plate/sheet is for boilers and Pressure Vessels steels,it is a normalized steel plate andsheet which is mainly used for **building pressure vesselsand boilers and pipes**for hot liquid.

**Comparison of steel**

| <u>P355NL2</u> | <u>grades</u>   |    |
|----------------|-----------------|----|
| EN 10028-3     | <u>UNI7382</u>  | -  |
| MATERIAL#      | <u>EStE 3</u>   |    |
| 1.1106         | <u>DIN17102</u> | 55 |

**P355NL2 EStE 355 steel sheet Chemical analysis -% by mass\***

| Grades        | C    | Si  | Mn  | Ni |
|---------------|------|-----|-----|----|
|               | max  | ma  | ma  | m  |
|               |      | x   | x   | ax |
| <u>P275NL</u> | 0.09 | 0.5 | 1.0 | 0. |
| <u>2</u>      |      |     | 5   | 9  |

**P355NL2 EStE 355 steel plate Mechanical properties**

|             | Yield Strength        | <u>Tensile Strength</u> | Fracture Elongation[%]transv. | Notch Impact Energy1)Ch Vcomplete samplelongitud. min [J |
|-------------|-----------------------|-------------------------|-------------------------------|--|
| Thickness s | ReH[N/mm2] transv.min | Rm[N/mm2]trans v        | min.                          |  |
|             | 355                   | 490 to 620              |                               | -  |

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

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