

**EN 10120 P245NB steel plate/sheet for gas cylinders and gas vessels**

P245NB steel plate/sheet, under EN 10120 standard, we can regard P245NB steel plate/sheet for gas cylinders and gas vessels.

P245NB steel plate/sheet is one mainly of Steel for gas cylinders and gas vessels. EN 10120 P245NB steel is grade for gas cylinders in SG255, SG295, SG325 and SG365, which with the tensile strength of 400MPa and the yield strength of 255MPa.

Chemical composition unit%

Symbol	Chemical composition				
	C max	Si max	Mn max	P max	S max
P245NB	0.20	-	0.30	0.040	0.040

Mechanical properties

Symbol	Yield point or proof stress N/mm <sup>2</sup> (min)	Tensile strength N/mm <sup>2</sup> min	Elongation % min	Tensile test piece	Bendability		
					Bending Angle	Inside radius	Test piece
P245NB	255	400	26	NO.5 in rolling direction	180°	Thickness x 1.0 Thickness x 1.5	No.3 in rolling direction

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