

**BEBON**

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Henan BEBON international co.,ltd**EN 10120 P265NB steel plate/sheet for gas cylinders and gas vessels**

SG295 steel plate/sheet, under JIS G 3116 standard, we can regard SG295 steel plate/sheet for gas cylinders and gas vessels.

SG295 steel plate/sheet is one mainly of Steel for gas cylinders and gas vessels. EN 10120 P265NB steel is grade for gas cylinders in SG255, SG295, SG325 and SG365, which with the tensile strength of 440MPa and the yield strength of 295MPa.

Chemical composition unit%

Symbol	Chemical composition				
	C max	Si max	Mn max	P max	S max
SG295	0.20	0.35	1.00	0.040	0.040

Mechanical properties

Symbol	Yield point or proof stress N/mm2 (min)	Tensile strength N/mm2 min	Elongation % min	Tensile test piece	Bendability		
					Bending Angle	Inside radius	Test piece
SG295	295	440	26	NO.5 in rolling direction	180°	Thickness x 1.0 Thickness x 1.5	No.3 in rolling direction

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