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**Henan BEBON international****co.,ltd****Steel plate for for Boiler Pressure Vessel JIS G3115 SPV 36**

SPV 36 steel plate,JIS G3115 SPV 36 steel plates is a kind of material for boiler and pressure vessel steel.JIS G3115 SPV 36 steel plates is characterised by a minimum yield strength of 280-355 MPa and by good weldability,so SPV 36 steel is mainly used to for manufacturing boilers, pressure vessels and pipes transporting hot liquids.the following are JIS G3115 SPV 36 steel plate's Chemical composition and mechanical properties.

Chemical analysis -% by mass\* (max)

Grade	C. %	Mn.%	S.	N	Cu	Nb	Ti.	Si.	P.	AL	Cr.	Mo.	Ni	Vi
SPV 36	0.10-0.22	0.10-1.70	0.015	0.012	0.30	0.020	0.03	0.60	0.025	0.020	0.30	0.08	0.30	0.02

Mechanical properties

Grade	Type	Thickness mm	Yield strength Mpa(min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KVJ) (min)		
						-20°	0°	+20
SPV 36	Normalized	≤16	355	510-650	20	27	34	40
		16>to≤40	345	510-650	20	27	34	40
		40>to≤60	335	460-580	20	27	34	40
		60>to≤100	315	490-630	20	27	34	40
		100>to≤150	295	480-630	20	27	34	40
		150>to≤250	280	470-630	20	27	34	40

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