

Steel plate for for Boiler Pressure Vessel JIS3115 SPV 315 steel

SPV 315 steel plate, JIS3115SPV 315 steel plates is a kind of material for boiler and pressure vessel steel. JIS3115SPV 315 steel plates is characterized by a minimum yield strength of 220 - 295 MPa and by good weldability, so SPV 315 steel is mainly used to for manufacturing boilers, pressure vessels and pipes transporting hot liquids. the following are JIS3115SPV 315 steel plate's Chemical composition and mechanical properties.

If you are looking for Chinese SPV 315 steel supplier, if you want to know SPV 315 steel price, please be free to contact us.

Chemical analysis -% by mass* (max) of SPV 315 steel

Grade	C. %	Mn.%	S.	N	Cu	Nb	Ti.	Si.	P.	AL	Cr.	Mo.	Ni	Vi
SPV 315	0.08 -0.2	0.90- 1.50	0.015	0.012	0.30	0.020	0.03	0.40	0.025	0.020	0.30	0.08	0.30	0.02

Mechanical properties of SPV 315 steel

Grade	Type	Thickness mm	Yield strength Mpa(min)	Tensile Strength MPa	Elongation % (min)	Impact Energy (KVJ) (min)		
						-20°	0°	+20
SPV 315	Normalized	≤16	295	460-580	21	27	34	40
		16>to≤40	290	460-580	21	27	34	40
		40>to≤60	285	460-580	21	27	34	40
		60>to≤100	260	460-580	21	27	34	40
		100>to≤150	235	440-570	21	27	34	40
		150>to≤250	220	430-570	21	27	34	40

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