

JIS G 3116 SG295 steel plate/sheet for gas cylinders and gas vessels

Key words :

SG295 steel plate/sheet, JIS G 3116 SG295 steel plate/sheet, JIS G 3116 SG295 steel plate/sheet for gas cylinder and gas vessel, SG295 carbon steel used for gas cylinder and gas vessel, JIS G 3116 steel plate for gas cylinder and gas vessel, SG295 steel supplier/Chinese supplier, SG295 steel price...

Equivalent grade :

SG295 steel plate/sheet is in JIS G 3116 standard. It's grade Number is 1.0243. The equal material of SG295 is: EN10120 P265N, DIN17155 HII, NFA 36-211 BS2 ,UNI 7355 FE E27KR, BS 5045 - TYPE B, UNE 36129 AE265KR.

SG295 JIS G 3116 Number:1.0243	EN10120	P265N
	DIN17155 HI	HII
	NFA 36-211	BS2
	UNI 7355	FE E27KR,
	BS 5045	TYPE B
	UNE 36129	AE265KR

JIS G3116 SG295 steel Chemical Composition

Main chemical composition in JIS G 3116 SG295 steel : Carbon: max 0.20 , Manganese max 1.00 , Silicon max 0.35 , Sulphur max 0.04, Phosphorus max 0.040, More detailed information, please refer to the flowing table:

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

JIS G3116 SG295 steel Mechanical Properties

SG295 this material is mainly used to fabricate gas cylinder and gas vessel. this kind of steel has the good grain and Mechanical properties. It's yield strength is min 295 MPa (there is different min strength point at the different thickness.) SG295 tensile strength is min 400MPa .(different min strength point at the different thickness.) More detailed information about JIS G3116 SG295 steel Mechanical Properties , please refer to the following table:

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	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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