

Steel Grade: 9CrNiCuP3-2-4(S355J2WP) | Material No: 1.8962

CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Cr(%)	Ni(%)	N(%)	Cu(%)	Other(%)
≤0.12	0.25~0.75	0.20~0.50	0.07~0.15	0.035	0.50~1.25	≤0.65	-	0.25~0.55	-

MECHANICAL PROPERTIES

Tensile Strength σ _b /Mpa	Yield Strength σ _s ≥ Mpa		Yield Strength σ _s ≥ Mpa	Extensibility δ ₅ ≥ % (≤ 150mm)	Flexural Center Dia Cold-bend Test	
	16-40mm	40-60mm			180°C/L	180°C/T
510~610	345	335	(≤16mm)355	22	2α	1α

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