

Steel Grade: WTS152-3(S355J2G1W) | Material No: 1.8963

CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Cr(%)	Ni(%)	N(%)	Cu(%)	Other(%)
≤0.16	≤0.50	0.50~1.50	0.035	0.035	0.40~0.80	≤0.65	-	0.25~0.55	Al ≥ 0.020; Mo

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	16mm 2α; ≤ 50mm	≤ 16mm 2α; ≤ 50mm 3α

From: Jiangyou Hacer Technology Co., Limited

Factory Add: Jiangzhang Road, Jiangyou City, SC, China

Website: <http://www.jhacer.com/>

Email: sales@jhacer.com

Phone: +86-(0)816-3260757

Call: +86-13658128897

Fax: +86-(0)816-3260757