

Steel Grade: QStE460N/S460NC | Material No: 1.0983

### CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Ti(%) ≤	V(%)	Other(%)
0.21③	0.5	1.7	0.03	0.015	0.22	—	Al ≤ 0.015%, Nb ≤ 0.09%

### MECHANICAL PROPERTIES

Tensile Strength $\sigma_b(T)/\text{Mpa}$	Yield Strength $\sigma_s(T)/\text{MPa} \geq$	Extensibility $\delta_5(T)(\%) \geq$	Ballistic AKV/J(-20°C) $\geq$	Flexural Center Dia Cold-bend Test(180°C/T)	Annealing/°C⑨	Normalizing/°C⑩
550~700	460	21	28	d=1.0a	530~580	920~950

From: Jiangyou Hacer Technology Co., Limited  
 Factory Add: Jiangzhang Road, Jiangyou City, SC, China  
 Website: <https://www.jhacer.com/>  
 Email: sales@jhacer.com  
 Phone: +86-(0)816-3260757  
 Call: +86-13658128897(WhatsApp)  
 Fax: +86-(0)816-3260757