

Steel Grade: S600MC | Material No: 1.8969

CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Ti(%) ≤	V(%)	Other(%)
0.12	0.5	1.9	0.025	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/°C ^⑨	Normalizing/°C ^⑩
650~820	600	13	28	d=1.5a	530~580	—

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