

Steel Grade: S700MC | Material No: 1.8974

**CHEMICAL COMPOSITION**

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Ti(%) ≤	V(%)	Other(%)
0.12	0.6	2.1	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 <sup>⑨</sup>	Normalizing/°C <sup>⑩</sup>
750~950	700	12	28	d=2.0a	530~580	—

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