



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 24CrMo10 | Material No: 1.7273

CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Other(%)
0.20~0.28	0.15~0.35	0.50~0.80	0.035	0.035	2.30~2.60	0.20~0.30	Ni ≤ 0.80

HARDNESS AND HEAT TREATMENT

Hot Working(°C)	Annealing(°C)	Quench(°C)	Refrigeration	Temper(°C)
1100~850	680~730	890~940	Oil/Air	650~700

MECHANICAL PROPERTIES

Tensile Strength $\sigma_b \geq$ Mpa	Yield Strength $\sigma_s \geq$ Mpa	Extensibility $\delta_5 \geq$ (%)	Ballistic $akv \geq$ (J/cm ²)	Annealing hardness HBS
640~780	440	17	48	190~352

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