



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 25CrMo4 | Material No: 1.7218

CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Other(%)
0.22~0.29	≤0.40	0.60~0.90	0.035	0.035	0.90~1.20	0.15~0.30	—

HARDNESS AND HEAT TREATMENT

Hot Working(°C)	Annealing(°C)	Quench(°C)	Refrigeration	Temper(°C)
1100~850	680~730	880~920	Oil/Air	620~650

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
540~690	345	18	55	160~205

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