



# Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 10CrMo11 | Material No: 1.7276

## CHEMICAL COMPOSITION

C(%) ≤	Si(%) ≤	Mn(%) ≤	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Other(%)
0.08~0.12	0.15~0.35	0.30~0.50	0.035	0.035	2.70~3.00	0.20~0.30	—

## HARDNESS AND HEAT TREATMENT

Hot Working(°C)	Annealing(°C)	Quench(°C)	Refrigeration	Temper(°C)
1100~850	680~730	950~1000	Oil/Air	630~700

## MECHANICAL PROPERTIES

Tensile Strength   $\sigma_b \geq$ Mpa	Yield Strength   $\sigma_s \geq$ Mpa	Extensibility   $\delta_5 \geq$ (%)	Ballistic   $akv \geq$ (J/cm <sup>2</sup> )	Annealing hardness HBS
440~540	215	25	69	130~160

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