

**Steel Grade: 26CrMo4 | Material No: 1.7219**
**CHEMICAL COMPOSITION**

C(%)≤	Si(%)≤	Mn(%)≤	P(%)≤	S(%)≤	Cr(%)	Ni(%)	V(%)	Other(%)
0.22 ~ 0.29	≤0.35	0.50 ~ 0.80	0.03	0.025	0.90 ~ 1.20	—		Mo0.15 ~ 0.30

**HEAT TREATMENT**

Hot Working°C	Normalizing/°C	Quench/°C	Temper°C
1050 ~ 850	—	830 ~ 860 Water or Oil	600 ~ 670

**MECHANICAL PROPERTIES IN NORMAL OR LOW TEMP**

Condition	Tensile Strength σ <sub>b</sub> /Mpa	Yield Strength σ <sub>s</sub> ≥/Mpa	Extensibility δ <sub>5</sub> (%)≥	Reduction of Area ψ(%)≥	Ballistic α <sub>k</sub> (DVM)/J
-120°C	780	590	14	—	21
-20°C	640	470	17	—	62
-50°C	670	490	16	—	48
-80°C	720	540	15	—	34

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