



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 51CrV4(50CrV4) | Material No: 1.8159

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Other(%)
0.47~0.55	≤0.40	0.70~1.10	0.035	0.035	0.90~1.20	—	V0.10~0.25

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C	Temper/°C	Surface Hardening/°C	Surface Hardness HRC
—	—	—	—	—	—	—

MECHANICAL PROPERTIES

Size/mm	Tensile Strength σ_b /MPa	Yield Strength $\sigma_s \geq$ /MPa	Extensibility $\delta_5(\%) \geq$	Reduction of Area $\psi(\%) \geq$	Ballistic akv/J①
-	-	-	-	-	-

From: Jiangyou Hacer Technology Co., Limited
Factory Add: Jiangzhang Road, Jiangyou City, SC, China
Website: <https://www.jhacer.com/>
Email: sales@jhacer.com
Phone: +86-(0)816-3260757
Call: +86-13658128897 (WhatsApp)
Fax: +86-(0)816-3260757