



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: CF35(C35G) | Material No: 1.1185

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Other(%)
0.33~0.39	0.15~0.35	0.50~0.80	0.025	0.035	—	—	—

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C	Temper/°C	Surface Hardening/°C	Surface Hardness HRC
1100~850	650~700	860~890	840~870 Water 850~880 Oil	550~660	860~890	51~57

MECHANICAL PROPERTIES

Size/mm	Tensile Strength   $\sigma_b$ /MPa	Yield Strength   $\sigma_s \geq$ /MPa	Extensibility   $\delta_5$ (%) $\geq$	Reduction of Area   $\psi$ (%) $\geq$	Ballistic   akv/J①
≤16	620~760	420	17	40	42

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