



# Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 60S20 | Material No: 1.0728

## CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Pb(%)
0.57 ~ 0.65	0.10 ~ 0.30	0.70 ~ 1.10	0.06	0.18 ~ 0.25	—

## MECHANICAL PROPERTIES

Condition	Size/mm	Tensile Strength  $\sigma_b$ /Mpa	Yield Strength  $\sigma_s$ /Mpa	Extensibility  $\delta$ (%) $\geq$	Hardness HBS $\leq$
820 ~ 850°C Normalizing	$\leq 16$ mm	660 ~ 780	365	—	—
820 ~ 850°C Normalizing	17 ~ 40mm	650 ~ 770	355	—	—
820 ~ 850°C Normalizing	41 ~ 63mm	640 ~ 760	345	9	—
Before Hot Working	$\leq 10$ mm	670 ~ 880	—	—	269
Before Hot Working	11 ~ 16mm	670 ~ 880	—	—	269
Before Hot Working	17 ~ 40mm	660 ~ 870	—	—	261
Before Hot Working	41 ~ 63mm	650 ~ 860	—	—	261
Cold-Drawing	$\leq 10$ mm	830 ~ 1080	645	5	—

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