



# Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 35S20 | Material No: 1.0726

## CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Pb(%)
0.32 ~ 0.39	≤0.40	0.70 ~ 1.10	0.06	0.15 ~ 0.25	—

## MECHANICAL PROPERTIES

Condition	Size/mm	Tensile Strength  $\sigma_b$ /Mpa	Yield Strength  $\sigma_s$ /Mpa	Extensibility  $\delta$ (%)≥	Hardness HBS≤
860 ~ 890°C Normalizing	≤16mm	480 ~ 600	295	—	—
860 ~ 890°C Normalizing	17 ~ 40mm	480 ~ 600	285	—	—
860 ~ 890°C Normalizing	41 ~ 63mm	480 ~ 600	275	18	—
Before Hot Working	≤10mm	490 ~ 660	—	—	197
Before Hot Working	11 ~ 16mm	490 ~ 660	—	—	197
Before Hot Working	17 ~ 40mm	490 ~ 660	—	—	192
Before Hot Working	41 ~ 63mm	490 ~ 640	—	—	192
Cold-Drawing	≤10mm	640 ~ 880	490	6	—

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